

Chad Patrick Osorio

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EDUCATIONAL ACHIEVEMENTS & DISTINCTIONS

Education and Professional Memberships:	PhD (<i>cand.</i>), Environmental Economics and Law, Wageningen University, the Netherlands 2022 Master II Business, Law & Economics <i>mention très bien</i> , Université d'Aix-Marseille FR 2020 Member in Good Standing, Integrated Bar of the Philippines 2019 - present Juris Doctor, College of Law, University of the Philippines Diliman 2018 BA Psychology <i>cum laude</i> , University of the Philippines Diliman 2011
Notable Awards and Distinctions:	Board, Graduate School of Social Sciences, Wageningen University and Research 2023-2027 World Intellectual Property Organization, Expert Mentor, AI + IP + Agriculture 2025 World Bank Expert Contributor, International Trade & Digital Infra, Business Ready Project 2025 DOST-PCAARRD Publication Incentive Award for AI in Agriculture 2025 International Publication Award, University of the Philippines 2024-2025 (Presiding) Judge, Regionals, World Moot on International Law & Animal Rights, Croatia 2025 Amartya Sen Prize (Top 2), Yale Global Justice Program and Global Financial Integrity 2023 Roster of Consultants, UN Food & Agriculture Organization LEGN 2021-2023 HPHR (Harvard Public Health Review) Best Environmental Pitch + Submission, Hackathon 2022 Global AI Ambassador, SwissCognitive World-Leading AI Network 2022 (Presiding) Judge, Northern Europe Rounds, Price Moot Court- Oxford University 2020-2022 Finalist & First Prize, Peter Drucker Challenge Global Essay Tilt 2020 & 2022, Vienna, Austria Commission on Higher Education ASEAN Studies Conference Fellow 2018 <i>Huwarang Kabataang Lumbeño</i> (Exemplary Youth Award) 2018 Brilliance Prize, Eisaku Sato Competition- United Nations University 2017

Grants and Scholarships:

Awarding Body	Country	Year	Nature of Grant
Wageningen Graduate School of Social Sciences	Netherlands	2022-2026	PhD Scholarship Grant
IUCN World Commission for Environmental Law and Wageningen University	Morocco	2025	Conference and Travel Grant
Drexel University Law Review	United States	2024	Conference and Travel Grant
Center for International and Comparative Law, University of Michigan	United States	2024	Conference and Travel Grant
United Nations Association of Germany and Climate Justice Lab, Leuphana University	Germany	2024-2025	Conference and Travel Grant
Geneva Association and the European Association of Law and Economics	Poland	2024	Conference and Travel Grant
Campus France	France	2019-2020	Masters Scholarship Grant
Universitas Indonesia	Indonesia	2017	Conference and Travel Grant
Asian Development Bank and National College of Public Administration and Governance	Philippines	2017	Conference and Travel Grant
University of the Philippines Diliman	Singapore	2017	Conference and Travel Grant
Southeast Asian Human Rights Network	Indonesia	2016	Conference and Travel Grant
Office of the Vice President of the Philippines	Cambodia	2012-2013	Internship Grant for the United Nations in Cambodia
Senate of the Philippines			
University of the Philippines Diliman			



EMPLOYMENT EXPERIENCE

WAGENINGEN UNIVERSITY AND RESEARCH, THE LAW GROUP

Researcher and Teaching Assistant, October 2023- present

- Provides both research and administrative support to the Law Group's research projects, conferences, and events, as well as the general trajectory of the Group. Was editorial assistant for Josephine van Zeven (European University Institute) and Chris Hilson (University of Reading)'s book, entitled "A Research Agenda on Environmental Law"
- With additional duties as teaching assistant, assists lecturers in designing and delivering course content, facilitating classroom activities, assessing student submissions and providing feedback and support to students. Various academic programs being supported include Sustainability Transformations (YSS38206), Introduction to Law for the Life and Social Sciences (LAW12806), Transnational Environmental Law & Regulation (LAW39206), and Environmental Policy Instruments (ENP10806), among others

UNIVERSITY OF THE PHILIPPINES LOS BAÑOS

Adjunct Assistant Professor, School of Environmental Science and Management, November 2023- present

- As Adjunct Assistant Professor for UPLB's Environmental Diplomacy and Negotiations PhD program, contributes to the EDN courses in his capacity as an environmental lawyer and applied economist, as well as serve as guidance committee member for masters students

Senior Lecturer, College of Economics and Management, September 2021- June 2024

- As Senior Lecturer for UPLB's Department of Economics, handled intermediate environmental economics (Econ 170), intermediate microeconomic theory (Econ 102), economics of regulation (Econ 155), and special topics in Economics (Econ 191) focused on the economic analysis of law, along with internship mentorship (Econ 191) and the recitation class for the economics introductory course (Econ 11), discussing various topics in the field with the aim of further understanding theory and applicability in industry and advocacy praxis

ALPHA10X || Innovations and Impact Investment through Artificial Intelligence

External Consultant, December 2021- August 2022

- Spearheaded 10+ research projects on AI, legal risks, international policy landscape & cybersecurity
- Prepared 188 curated intelligencers reports, as well as end-of-month highlights, on highly-relevant micro and macroeconomic and policy developments in the intersections of artificial intelligence, life sciences, and investments

Head of (Economic and Policy) Research, September 2021- December 2021

- Spearheaded the general economic R&D framework as well as privacy, legal risk and security analysis for the enterprise, taking into account both micro and macro economics and international policy landscape analysis
- Prepared weekly intelligencers on market deep dives, product-market fit enhancements, and competitor analysis, among others
- Handled international investor relations assistance, including report preparation and continuous engagement
- Provided strategic knowledge support for product development, programme management, legal and finance

SAN BEDA COLLEGE-ALABANG

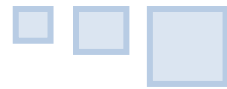
International Studies || Thesis Adviser, April 2021- March 2023

- Assists and advises students in preparation for their Bachelor's Program thesis at the Department of International Studies, College of Arts and Sciences
- Topics range from international trade law, agriculture and the ASEAN, to natural resources extraction and human rights, to information and communication technologies (ICTs) and artificial intelligence (AI)

INTERNATIONAL MIGRANTS SCHOOL

Rome, Italy || International Activities Coordinator (Summer Program), May 2021- July 2021

- Spearheaded the formulation and implementation of general student activities for IMS-Rome End of the Year Activities and Summer Program, including liaison work with national and international entities and organizations, embassies and consulates, to foster holistic student development
- Assisted in the general administration of the school, primarily aspects related to legal matters, international correspondence, and finance



UNIVERSITY OF NEGROS OCCIDENTAL-RECOLETOS SCHOOL OF LAW

Public International Law || Professorial Lecturer, February 2021- June 2021

- As professorial lecturer for UNO-R School of Law, handled the introductory course on Public International Law, tackling domestic and foreign policy, global standards and international law enforcement, especially regarding various transnational issues including trade-related matters, environmental protection, technology & connectivity, and fundamental human rights

CAREERLINE COURSES & COURSESTREAM

Criminal Psychology & Legal Terminology || Academic Officer, August 2015- present

- Conducts course counselling & personal tutorial for international students of Legal Terminology, Criminal Psychology and Forensic Science. Lecture notes and professional correspondence focus on conveying a clear understanding of human psychology and behaviour for proper application of criminal justice and human rights
- Writes, edits & proofreads education material for course notes & promotional materials pertaining to the aforementioned fields of study

THE ASIA FOUNDATION

Technical Consultant- Security Reforms & Governance Unit, May 2019- August 2019

- Under the Coalitions for Change Program, provided technical assistance for determining sound & politically-feasible policy reforms on national security programs, & lent his skills & experience on special international law topics, including criminal psychology & terrorism, & international, transnational & comparative criminal justice
- Closely collaborated with the Senior Strategic Adviser & the Coalitions for Change- Security Team, as well as maintain close cooperation among the different stakeholders in the security sector, in line with the proposed policy reforms

INSTITUTE OF INTERNATIONAL LEGAL STUDIES, UNIVERSITY OF THE PHILIPPINES LAW CENTER

Contributing Author & Resource Person, July 2018- March 2019

- Was part of the Technical Working Group for the Institute's book project on proposed revisions of the legal and sociopolitical framework addressing anti-terrorism efforts. Provided key insights for publication on topics such transnational cybercrimes in relation to the environment, and legal policies addressing non-traditional threats to domestic & international security

Research Associate, July 2015- June 2018

- Was the focal researcher on international, transnational & comparative criminal law and its intersection with other fields, including disaster law, environmental law and international humanitarian law
- Co-headed the Institute's research projects and fora on related events, including "The Philippine Response to Terrorism: Perspectives and Strategic Action," and "The Philippines' Withdrawal from the ICC: Concerns & Implications"
- Provided assistance to the Institute's research projects and fora on various topics on international law, including implications of membership to the Asian Infrastructure Investment Bank; symposium on Food and Economic Security; project on draft legislation regarding OFWs and International Labour Organization resolutions; comprehensive research on Trade-related Treaties; and so on

PHILIPPINE PUBLIC SAFETY COLLEGE & NATIONAL POLICE COLLEGE

Faculty & Research Consultant, February 2019- August 2019

- Conducted comprehensive lecture-workshops on radicalization, violent extremism and national & international counterterrorism response as part of the Public Officers' Senior Executive, Basic and Advanced Courses, with emphasis on a human rights-based approach to law enforcement. Provided strategic assistance and guidance to the Learning Managers for the Public Safety Administration (MPSA) Master's Degree
- Was key point person for external partnerships on his subject-matter expertise, including the British Council and other national & international organizations. Adjunct Editor of the National Police College's Center for Violent Extremism & Insurgency Strategic Studies



ASIAN DEVELOPMENT BANK

Lead Author- Project Researcher, October 2016- May 2017

- In cooperation with Global Shapers and Youth for Asia, spearheaded the team of 20+ international authors on a research project focused on 21st Century ICTs: The Way Forward, which talks about the future of information and communications technology, youth empowerment & governance geared towards the SDGs
- Handled coordination, development and presentation of the paper as a knowledge product presented to key stakeholders during the ADB@50 Annual Meeting in Yokohama, Japan

AFFILIATED NETWORK FOR SOCIAL ACCOUNTABILITY IN EAST ASIA & THE PACIFIC (ANSA-EAP FOUNDATION, INC.)

Project Manager, i-budget.mo, Jan 2014- August 2014

- Led the participatory budgeting initiative using the online-offline model in coordinating local government units, civil society organizations and 1,100+ citizens for the development of 15 barangay-wide project proposals through the process of inclusive community finance
- Spearheaded the development of campaign materials, website and mobile technology in the implementation of the project. Wrote opinion articles for the website section Voices
- Represented ANSA-EAP in national and international events with government, CSO, media & citizen leaders

Project Coordinator, Open Contracting in the Classroom & Beyond, October 2013- March 2014

- Headed Open Contracting Philippines by overseeing the management and implementation of the Project. This included coordination, planning, monitoring & evaluation, progress reporting, and liaison work with organizations between ANSA-EAP and various academic partners of the program
- Ensured that OC provided the necessary administrative, financial, and logistical anchor for other initiatives of the general project operations, involving 4 different subject fields and 80+ students. “OC in the Classroom & Beyond” is a semi-finalist at the worldwide 2014 Ashoka Changemakers Close the Feedback Loop Competition

Documentation & Contracts Management Specialist, August 2013- November 2013

- Acted as the Assistant to the Executive Director in charge of coordination & communication between the Secretariat, the Board and other partners in the network
- Handled Human Resources affairs, as well as crafted and proofread contracts with partner organizations

WONDER RESEARCH NETWORK

Researcher, October 2015- October 2016

- Conducted online research material for requests related to international law, psychology, and development studies, as well as photography, market research & social media

BUSINESS MANAGEMENT & CONSULTANCIES

GOOD SHEPHERD SERVICES CO, LTD.

Legal and Business Operations Retainer, March 2020-December 2023 || Fuji, Japan

SOCIOV || COACH HAILING START-UP

Chief Legal and Compliance Officer, June 2021
Legal and Business Operations Retainer, March 2020-May 2023 || Quezon City, Metro Manila

EMC-PEMF, LLC || Health Technologies

Legal, Marketing and Business Operations Retainer, November 2019- Present || San Jose, CA

MAMOT TACTICAL WEAR

Legal Affairs, Marketing and Operations Consultant, August 2017- Present || Taguig, Metro Manila

QUIVER ARCHERY & BOARD GAMES

Marketing and Operations Consultant, August 2018-December 2023 || San Pedro, Laguna

ALTERNA VERDE CORPORATION- TETRA CONSULTING CORPORATION

Strategic Legal and Business Operations Consultant, March 2018-June 2018 || Metro Manila & Singapore

SP ENGLISH EDUCATION, INC.

General Operations Manager, Creative Head for Publications, Online Tutor, 2009 || Quezon City, Metro Manila & Seoul, South Korea

- Provides logistical, financial & legal support for the abovementioned organizations, companies & institutions, as well as continuous guidance on the streamlining of operations, including intellectual property, business-related legal concerns, training & employment.

- Formulates & implements marketing strategies, including niche market identification, partnership building, creation of publicity materials & compilation of guidelines for actual & potential projects, programs & events of the business.
- Provides comprehensive advisory opinion & memoranda of interpretation on matters concerning business transactions, patents, copyrights and trademarks, claim liabilities, rights & obligations under existing contractual relationships, & business-related legislations, rulings & regulations.
- Formulates & co-heads the implementation of legal & business strategies, including contract negotiation & facilitation of the preparation, drafting & review of legal & business documents for actual & potential projects.

INTERNSHIPS

OFFICE OF LEGAL AID—COLLEGE OF LAW, UNIVERSITY OF THE PHILIPPINES DILIMAN

Law Intern, January 2018-June 2018

- Under the supervision of the OLA Director & the Supervising Lawyer, acted as counsel de facto of the clients of the Office of Legal Aid, preparing legal documents & appearing in courts & quasi-judicial bodies as required by the circumstances of the case. Also handled the interview of legal aid applicants as well as assists in other general administrative & logistical functions of the team.

OFFICE OF THE SOLICITOR GENERAL-- IGNACIO VILLAMOR DIVISION

Law Extern, August 2017-December 2017

- Prepared drafts for pleadings, memorandums & other legal documents as required. Attended as observer in various court hearings, including in the Regional Trial Court & Court of Tax Appeals.

PHILIPPINE LAW JOURNAL

Editorial Assistant, May 2016- May 2017

- Worked directly under the Vice-Chairperson by assisting in editorial & administrative work, including comprehensive source checking by verifying the existence, precision & accuracy of cited sources.
- Directly assisted in the preparation, conduct & assessment of PLJ-related events & forums.

UNITED NATIONS’ ASSISTANCE TO THE KHMER ROUGE TRIALS IN CAMBODIA

Legal Intern, November 2012- January 2013

- Was academic & legal researcher for the Virtual Tribunal (the Legacy Project) of the Extraordinary Chambers in the Courts of Cambodia. Also wrote & evaluated material for international online publishing of the Court history & archives.
- Worked with the Public Affairs Section, particularly with trial monitoring. Also cooperated with the Victim Support Section for outreach programs & coordination with the civil parties involved in the different cases before the Court.

ORGANIZATIONAL WORK

1407 GRAYMALKIN GROUP

➤ Co-Founder

- Spearheads initiatives in bridging young high achievers from all over the world willing to volunteer as speakers, trainors, and facilitators in events and activities geared towards communities and groups based in developing countries and underprivileged communities
- Key roles include external relations and network building, events planning and facilitation, and short-term and long-term project implementation

ASSOCIATION OF YOUNG INTERNATIONAL CRIMINAL LAWYERS (YICL)

- Member, 2021 to present

GAWAD LAGUNA, INC.

- Legal Counsel, 2019 to present

MENSA INTERNATIONAL

- Member, 2017 to present

COALITION FOR SECURITY TOWARDS PEACE (CTSP)

- Convenor, 2019
- Working with various members of the national & international security sector, maintains close cooperation with various stakeholders to ensure



progressive policy reforms in the field, but at the same time adhering to international human rights

ASEAN YOUTH LEADERS' ASSOCIATION (AYLA)

➤ Legal Counsel, 2014-2016

ASIAN LAW STUDENTS' ASSOCIATION (ALSA)

Facilitator, ALSA International Training & Legal Workshop, June 2016

➤ Worked with seven countries in preparing the final draft for "Disaster-Related Offenses Act of 2016."

Lecturer: Language Proficiency & the Law, July 2015

➤ Asian Law Students' Association International Training & Legal Workshop 2015

Facilitator, ALSA International Training & Legal Workshop, June 2013

➤ Focused on International Criminal Law & Technology; Worked with six countries in preparing the final draft for "The Cybersexual Offenses Act of 2016."

Ambassador, ALSA Forum, August- September 2013

➤ Represented the Philippines as an ambassador to the delegation of future legal practitioners from Indonesia, Taiwan & Czech Republic.

FREELANCE WORK & COMMUNITY VOLUNTEERISM

COMMUNITY LECTURE & WORKSHOP SERIES

Sta. Cruz, Marinduque Training for Local Government Officers, Lecturer, July 2018

- As part of the #Teach4Beach Program to promote sustainable community development & empowerment, gave lectures on the Legal Framework of Freedom of Expression in the Philippines, & on Utilizing Cyberspace for Environmental Advocacies, with emphasis on sustainable eco-tourism

Youth Workshop Convenor, Lecturer, April 2018- May 2018

- With the assistance of fellow volunteers, conducted a series of workshops for the youth of underprivileged communities in Payatas, Coloong & Muntinlupa on various topics, including Photography, Youth Leadership, Youth Entrepreneurship, Teaching about Teaching, & other similar topics.

COMMITTEE ON LEGAL ISSUES & CONCERNS— UP DILIMAN STUDENT COUNCIL

Lecturer, Volunteer for Logistics, August 2017- May 2018

- Volunteered for the Sectoral Legal Education Core Group for Mental Health & Children's Month.
- Actively assisted in the Mock UP Law Aptitude Exam & Review by looking for organizational sponsors & partners, as well as subject speakers for the Student Crammers' Session. Handled the initial Logical & Abstract Reasoning Review Lecture & Tips.

JUS x MACHINA || Technology & Human Rights

Managing Editor, November 2016- November 2017

- Headed liaison activities with external partners, including non-government & international organizations, universities and research institutions focused on human rights
- Assisted in seeking contributors for articles on technology & human rights, and provides editorial work & general administration of the newsletter

OFFICE OF COUNSELLING & GUIDANCE, UNIVERSITY OF THE PHILIPPINES DILIMAN

Radio Host Anchor & Facilitator, July 2015-February 2016

- Acted as an anchor for the radio counselling & guidance show Gabay On-Air
- Handled photocoverage of events & workshops held by the OCG
- Assisted in social media relations & coordination between various stakeholders during OCG events

Community Journalist (Philippine Daily Inquirer, Rappler, Talk) 2013-present

- Has been published twice in the Philippine Daily Inquirer's Young Blood Section for articles on personal experience as a United Nations intern in Cambodia, as well as a reprint of a current affairs opinion originally published online. Has also been published in online news site Rappler.com & Talk.ph for various opinion articles regarding national & international politics & relations, social media & disaster relief operations.



- National Historical Institute Awardee in 2009 for an essay-writing competition. Various works of fiction have been included in the 2015 UP Law Portia Sorority's Literary Portfolio. The essay "Hitchhiker's Guide to Life" has been included in the book "Young Blood 5."

Motivational & Lifestyle Speaker, January 2014-present

- Powerdressing 101, Trace College Los Baños, Laguna, August 2016
- The Gentleman's Handbook, University of the Philippines Diliman, October 2015

TAYLOR NELSON SOFRES (TNS PHILIPPINES)

Freelance Translator & Transcriber, 2013-2015

- Worked with facilitators & documenters of Focus Group Discussions by live-translating Filipino to English for foreign market analysts; transcribed project-based recordings of FGDs in bilingual format.

Academic & Sports Tutor, 2002-2013

- Taught various areas in the academe like Math, Science & English to elementary & secondary school students who possess different levels of intellectual abilities (slow to gifted learners). Conducted introductory courses in Trigonometry & Statistics for 3rd & 4th year high school pupils. Also worked as a math tutor during the period. Has been employed as a Language Lecturer at Mathhub Tutorial (2013).
- Coached youngsters in Math, Science & Music as a Gawad Kalinga student aide. Choreographs award-winning dance & drama skits for elementary & high school pupils. Also instructs kids informally on how to develop their badminton skills.

Volunteer Student Librarian, 2002-2006

- Filed & worked closely with books & documents, received people & helped manage the monetary & administrative affairs of the library. Also responsible for the computers, Internet connection & other library facilities.

FORUMS, SEMINARS & CONFERENCES

- Abot-Kamay PH x Sociov, ***Building Partnerships and Linkages*** (Attended as Speaker), July 2021.
- Affiliated Network for Social Accountability in East Asia & the Pacific (ANSA-EAP Foundation, Inc.), ***Open Contracting Symposium*** (Attended as Speaker), March 2014.
- American College of the Mediterranean, Institute for American Universities, ***Intercultural Management*** (Attended as Guest Speaker), March 2022.
- ASEAN Youth Leaders' Association, ***Looking Beyond the Rich & Diverse Culture of ASEAN Countries***, Discussions on the Cultural Pillar of ASEAN Integration (Attended as Keynote Speaker), July 2015.
- ASEAN Youth Leaders' Association, ***Education: The New Public Service (Focus on Value Learning)***, ASEAN Youth Exchange on Education (Attended as Keynote Speaker), July 2017.
- Asian Development Bank, ***Development of Youth Intervention Strategies for Cambodia Water Project***, 5th Asian Youth Forum (Attended as Facilitator), May 2017.
- Asian Development Bank, ***The Role of ICTs & the Youth in Development***, 5th Asian Youth Forum (Attended as Presenter), May 2017.
- Asian Development Bank, ***Sectoral Meeting***, Innovative Practices in Skills Development (Attended as Facilitator), September 2016.
- Asian Development Bank, ***Photography as a Tool for Social Change***, Public Service Innovation (Attended as Facilitator), August 2015.
- Asian Institute of Tourism, University of the Philippines Diliman, ***Human Rights Exhibit of Photos & Literature*** (Attended as Guest Speaker), Dec 2011.
- Asian Institute of Tourism, University of the Philippines Diliman, ***Water the Consequences: Environmental Compliance of Resorts & its Effects on Tourism*** (Attended as Judge), April 2018.
- Asian Law Institute Conference, ***A Uniting Force? Asian Values and the Law***. (Attended as Documenter), May 2017.
- Asian Law Students' Association, ***Comparative Laws of Disasters in Asia***, ALSA International Legal Training & Workshop (Attended as Facilitator), July 2016.



- Asian Law Students' Association, **Language Proficiency & the Law**, ALSA Int'l Legal Training & Workshop (Attended as Lecturer), July 2015.
- Asian Law Students' Association, **International Criminal Law & Technology**, ALSA Forum (Attended as Facilitator), August 2013.
- Asian Society of International Law, **7th Biennial Conference**, Institute of International Legal Studies (Attended as Volunteer), March 2019.
- Association of Filipino Students in France, **Philfrance Q&A Session** (Attended as Panelist), February 2022.
- Assortededge, **Introduction to Photojournalism**, Journ.Assortededge Mindanao (Attended as Speaker-Facilitator, August 2017)
- Ateneo de Manila University, **Inclusive Mobility Workshop** (Attended as Participant), September 2013/ February 2014.
- Ateneo School of Law, **Don't Lie to Me, Argentina: Psychology, Law and Lying** (Attended as Lecturer), May 2021.
- Bicol University Managerial Decision-Making Webinar Series, **Optimizing Digital Education: Seamless Digital Tools For Learning**, (Attended as Speaker), May 2022.
- British Council & the Philippine Public Safety College, **High-Level Forum on the Relevance of Community Policing on Preventing & Countering Violent Extremism** (Attended as Research Consultant), February 2019.
- Cavite Junior Philippine Institute of Accountants, **Engaging in Responsible Behavior on Social Media** (Attended as Speaker, June 2020).
- Cavite State University, **Strengthening Relationships towards Stronger Communities** (Attended as Speaker), April 2019.
- Center for Policy & Executive Development, University of the Philippines Diliman, **Paper Presentation: Asians Involved: Social Accountability in Asia & the Pacific**, Bureaucracy Watch Forum (Invited as Presentor), June 2014.
- Climate Justice Lab, **Climate Justice, Artificial Intelligence, and the Global South: An Earth System Law Perspective**, Leuphana University of Luneburg (Attended as Presentor), 2024-2025.
- Coalition for Security towards Peace, **Securing Prosperity: Addressing the Threat of Terrorism to Business & Development** (Attended as Master of Ceremonies), August 2019.
- College of St. Anthony- San Jose Del Monte, Bulacan, **Career Talk on the Legal Profession** (Attended as Speaker), November 2016.
- Commission on Human Rights Region III, **Mental Health and Human Rights** (Attended as Resource Speaker), February 2024.
- Council of Young Leaders of the Philippines & Asia Pacific International Model United Nations, **Redefining the New Normal in Education: Perspectives from PH Education Leading towards Sustainable Development** (Attended as Speaker), June 2020.
- De La Salle University- Dasmariñas, **Lideral 2017: the Psychology of Leadership** (Attended as Speaker), October 2017.
- De La Salle University- Dasmariñas, **UNLAD 2017 Karapatan x Kapayapaan: Youth, Human Rights & the Peace Process** (Attended as Speaker), November 2017.
- De La Salle University- Lipa, **Rehas o Rehab: Legal Issues Regarding Substance Use Disorder** (Attended as Speaker), December 2016.
- De La Salle University, **Forging On, Volting In: Japan-ASEAN Mechanisms in Battling Crimes beyond Borders**, International Studies Conference (Attended as Presentor), August 2017.
- Dep't of Social Work & Development- Butuan City, **Photodocumentation**, National Capacity-Building Training & Seminar (Attended as Trainor), October 2017.
- Dr. Ram Manohar Lohiya National Law University, Lucknow, India, **SCC Online® International Media Law Moot Court Competition** (Attended as Judge), February 2021.
- Drexel University, **AI Aristocracy, Fifth Biennial Conference on Critical Trusts & Estates and Symposium of the Drexel Law Review** (Attended as Paper Presenter), September 2024.
- Far Eastern University Economic Society, **ASEAN Integration, Philippine Education & Philippine Economic Status** (Attended as Lecturer), August 2015.
- Foreign Service Institute, **11th Heneral Antonio Luna Colloquium: Countering Financing of Terrorism** (Attended as Participant), June 2019.
- Gawad Felicisimo T. San Luis. **Debateng Moral** (Attended as Speaker), August 2018.
- Global Development Partners International, Inc. **Crossroads: Preparing for a Dynamic Future** (Attended as Speaker), June 2019.
- Global Forum on Science & Technology, **When Order has Fallen: Philippine Criminal Justice in the Aftermath of Natural Calamities** (Attended as Paper Presenter), June 2017.

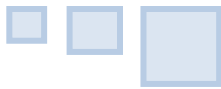


- Global Peter Drucker Forum, *Snowflakes and Seniors: A Manager's Nightmare or Secret Weapon?* (Attended as Panelist), June 2017.
- Harvard Institute for Global Law and Policy, *Cultural Heritage Law Versus Illicit Wildlife Markets: A New Regulatory Path For Southeast Asia?* (Invited as Workshop Participant), July 2025.
- Holy Angel University, *Valuing Others & Self through Social Media* (Attended as Keynote Speaker), August 2017.
- Ignacio Gimenez Leadership Conference, *Photography & Leadership* (Attended as Facilitator), July 2017/January 2018.
- Institute of Human Rights, *Roundtable Discussion on the Data Privacy Act* (Attended as Participant), September 2016.
- Institute of International Legal Studies, *Issues on the Ramification of the Paris Agreement* (Attended as Participant), September 2016.
- Institute of International Legal Studies, *Symposium on Prosecuting IHL Crimes: Responsibility of Prosecutors as IHL Duty-Bearers* (Attended as Participant), July 2015.
- IUCN World Commission on Environmental Law, *How Much is Biodiversity Assessed in Climate Change Litigation?* (Attended as Presentor), May 2025.
- Kobe University and National Institute for Environmental Studies, Japan, *The Unintended Consequences of Wildlife Trade Bans* (Attended as Lecturer), April 2025.
- Laguna State Polytechnic University, *Global and Local Artificial Intelligence: Revamping the Technological Revolution Era in Tourism and Travel Industry*, (Attended as Guest Speaker), December 2022.
- Laguna State Polytechnic University, *The Global Capital Market: Where Politics Meets Economic Power* (Attended as Guest Lecturer), November 2024.
- Laguna State Polytechnic University, *Regional Economic Integration* (Attended as Guest Lecturer), November 2021.
- Laguna State Polytechnic University Mechanical Engineering Society, *Targeting Careers through Curriculum Vitae* (Attended as Speaker), February 2022.
- Manila Tytana Colleges, *Future Leaders Begin Today: Workplace Leadership* (Attended as Guest Speaker), February 2021.
- Mensa Indonesia and Mensa Philippines, *Criminal Psychology Counter Convictions* (Attended as Brownbag Speaker), June 2021.
- Mensa Philippines, *Psychology, Law and Lying* (Attended as Brownbag Speaker), June 2021.
- Mensa Philippines, *The Good, the Bad and the AI: Unraveling the Dark Side of Artificial Intelligence* (Attended as Brownbag Speaker), September 2022.
- Miriam College, *A National Symposium- Peace, Human Rights, & Development in a State of Lawlessness* (Attended as Participant), January 2017.
- National College for Public Administration & Governance, *Setting Examples: The Potentially Transformative Role of the Philippines in Battling Transnational Crimes in the ASEAN*, 65th International Conference (Attended as Presentor), August 2017.
- National Defense College of the Philippines, *6th General Antonio Luna Colloquium: Extremism & ISIS in the Philippines* (Attended as Participant), August 2017.
- National Federation of Junior Philippine Institute of Accountants Region 4 Council, *Unveiling the Purpose of Eminence* (Attended as Speaker), November 2020.
- National Service Training Program- School of Library & Information Sciences, *Citizenship, Nation-Building & Volunteerism* (Attended as Speaker), September 2017.
- New Era University, *An Introduction to Philippine Legal Education* (Attended as Speaker), Aug 2016.
- Norwegian Centre for Human Rights, University of Oslo, *Planetary Crisis and international Human Rights: Governing Contemporary Threats through Litigation and Civic Action* (Attended as Paper Presentor), October 2023.
- Open Data Philippines, *Open Data Boot Camp* (Attended as Participant), May 2014.
- Oxford University- St. Hilda's College, *Early Researcher's Conference on Inequality and the Future* (Attended as Panel Presenter), July 2023
- Oxford University & University of Paris-Descartes, *Price Moot Court Competition*, Northern European Rounds (Attended as Presiding Judge), 2020, 2021.
- Philippine Coast Guard Training Services, *Criminal Psychology & Terrorism* (Attended as Lecturer), April 2019.
- Philippine Institute of Chemical Engineers Inc. - Metro Manila East Chapter, *Pre-Conference Briefing for ENERCON on Energy Regulatory Industry in the Philippines* (Attended as Speaker), June 2022.
- Philippine Political Science Association Conference, *Paper Presentation: Social Accountability in Asia & the Pacific* (Invited as Presentor), March 2014.
- Philippine Services Coalition, *Philippine Services Conference* (Attended as Participant), October 2016.
- Polytechnic University of the Philippines Sto. Tomas Campus, *International Innovation: The Effect of*



ASEAN Integration on Young Filipino Entrepreneurs (Attended as Lecturer), February 2016.

- Procter & Gamble Philippines, *Gentleman's Handbook* (Attended as Keynote Speaker), Oct 2015.
- Quartz District, *Power Up Sustainable Leadership: Corporate Leadership and Self-Productivity* (Attended as Speaker), February 2022.
- San Pedro City Youth Leadership Boot Camp, *Organizational Financial Management* (Attended as Speaker), March 2019.
- Sociov, *Mentor Development Fireside Chat* (Attended as Moderator), September 2022.
- Southeast Asian Leaders' Organization, *The ASEAN Way: Social Policy & International Law in the Southeast Asian Region* (Attended as Expert Panel Speaker), February 2019
- Southeast Asian Regional Center for Graduate Study & Research in Agriculture, *Capacity-Building Seminar on the Philippines' Law & Policy on Food* (Attended as Participant), October 2016.
- Sta. Cruz, Marinduque Local Government Training, *The Legal Framework of Freedom of Expression in the Philippines* (Attended as Lecturer), July 2018.
- Sta. Cruz, Marinduque Local Government Training, *Utilizing Cyberspace for Environmental Advocacies* (Attended as Lecturer), July 2018.
- Strengthening Human Rights & Peace Education in Southeast Asia, *4th International Conference on Human Rights & Peace & Conflict in Southeast Asia* (Attended as Plenary Speaker), October 2016.
- Tanauan City College, *Campus Leadership through Information & Journalism* (Attended as Lecturer), August 2015.
- Ten Outstanding Boy Scouts of the Philippines, *Award for Public Service* (Attended as Judge), October 2017.
- Tilburg Law School, *Protest Under Pressure* (Attended as Participant), January 2024.
- Trace College Los Baños, *Employment Readiness Seminar* (Attended as Speaker), August 2016.
- The Guardian, *Activate Singapore: Digital Technologies & Social Change* (Attended as Participant), January 2014.
- UP Center for Integrative & Development Studies, *The Philippine Strategic Environment: New Challenges* (Invited as Moderator), October 2016.
- ULISpeak, *Developing Filipino Youth Leadership in Times of Crisis* (Invited as Speaker), August 2021.
- UniLaSalle Rouen France, *Investing in the Global Youth: Reflections on Sustainability, Economics and International Law*, i-SAFE Program, (Attended as Lecturer) , December 2020
- Universitas Indonesia, *Human Rights in the Context of Transnational Criminal Justice*, Human Rights Symposium for the Youth, (Attended as Paper Presenter) November 2016.
- University of Michigan Law School, *Big Tech, Self-Regulation and the Future of AI Laws*, Junior Scholars Conference, (attended as Paper Presenter) April 2024.
- University of the East College of Law, *Subjects of International Law & International Relations*, (Attended as Guest Lecturer), February 2018.
- University of the East College of Law, *International Criminal Law*, (Attended as Guest Lecturer), February 2018.
- University of the Philippines Diliman Speech Communications Association (SPECAs), *Politics & Rhetoric*, Youth Speech Congress (Attended as Keynote Speaker), November 2017.
- University of the Philippines Diliman Student Council (USC-UPD), *Mock LAE Crammers' Session*, UP Law Aptitude Exam Review (Attended as Lecturer), January 2018.
- University of the Philippines College of Business Administration and Accountancy, *Criminal Psychology, Enterprise Crimes and Corporate Fraud* in Asian Management Class (Attended as Guest Lecturer), September 2021.
- University of the Philippines College of Economics and Management, *3rd International Conference on Energy and Environment Economics* (Attended as Paper Presenter), August 2022.
- University of the Philippines College of Economics and Management, *Addressing the Philippine Energy Crisis Through Behavioural Economics* EConvergence (Attended as Keynote Speaker), February 2025.
- University of the Philippines College of Economics and Management, *International Symposium on the Economic Analysis of Philippine Jurisprudence* (Attended as Moderator), August 2022.
- University of the Philippines College of Economics and Management, *Invisible Price Tags: A Microeconomic Discussion on the Hidden Cost of Freebies* (Attended as Speaker), November 2022.
- University of the Philippines College of Economics and Management, *Out of the Matrix: Exploring the Need for AI Regulation* (Attended as Q&A Panelist), November 2023.
- University of the Philippines College of Economics and Management, *The Year 3000: Sustainability through Technology* (Attended as Moderator), December 2022.
- University of the Philippines College of Law, *Criminal Jurisdiction under the Expanded Defense Cooperation*



Agreement, Manuel & Luz Chan Professorial Lecture (Attended as Participant), October 2015.

- UP Integrated School, **Introduction to Debating** (Attended as Lecturer), November 2016.
- UP Law Center, **A Symposium on the Anti-Violence against Women & Children Act** (Attended as Documenter), October 2015.
- 45th Veterinary Practitioners' Association of the Philippines Conference, **Countering Cyberlibel: A Practitioner's Perspective** (Attended as Plenary Speaker), June 2017
- Wageningen University and Research, **Dutch Environmental and Resource Economics (DEARE) Day** (Attended as Organizer), February 2025.
- Wageningen University and Research, **The Future of Food Law** (Attended as Plenary Session Chair), May 2023.
- Wageningen University and Research, **Transdisciplinary Research, Education and Training (TRED) Conference 2023** (Attended as Conference Assistant), June 2023.
- Wageningen University and Research, **WASS PhD Day** (Awarded Best Presentation), October 2023.
- Wageningen University and Research and University of the Philippines Los Banos, **A Conversation on the EU AI Act, Sustainability, and its Impact on the Global South** (Attended as Lead Convenor), March 2024.
- World Bank, **Knowledge for Development Center** (Attended as Participant), April 2014.
- Worldsmith Youth Serving Organization, **Writing Stories Create Leaders** (Attended as Speaker), July 2020.
- Youth Empowerment in Climate Action Platform, **Training Course on Emerging Issues in International Environmental Law: Theory and Practice** (Attended as Organizer), April 2025.
- Youth for the Goals Summit, **Networking and Partnerships for Youth Organizations** (Attended as Speaker), August 2021.

CONTRIBUTIONS TO ACADEMIC LITERATURE

The Intersection of Art Law and Transnational Wildlife Crime: Exploring the Southeast Asian Context

(Published at the Special issue of the Harvard International Law Journal and Harvard Art Law Review, 2025)

This article explores the complex relationship between art law and transnational wildlife crime, focusing on Southeast Asia. It explains how the illegal trade in wildlife and cultural artifacts often overlap, creating a network where art, environmental resources, and criminal activities converge. The study reveals that artworks and historical objects made from endangered species—such as ivory, tiger skins, or exotic animal parts—can be unlawfully sold or traded, blurring the line between art collection and wildlife trafficking. In many instances, legal loopholes and inconsistent regulations across countries enable traffickers to exploit the art market and smuggle endangered species. The article provides real-world examples and examines the challenges faced by local and international legal systems in addressing these issues. It argues that strengthening legal frameworks through a sustainability perspective and enhancing cooperation among governments, conservation groups, and the art community is essential for preserving both cultural heritage and biodiversity in today's global community.

Promoting Free Flows via Competition Law: An AI Industry Blueprint for Southeast Asia

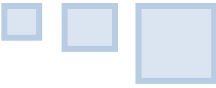
(Co-author, published at Telecommunications Policy, 2025)

Concerns about multinational technology companies and their antitrust activities are increasing, particularly in the US and the European Union. However, this issue has not been given much attention in the context of ASEAN, despite being the fifth largest economy in the world. In this article, we discuss how a common competition law framework for ASEAN presents multiple benefits for the AI industry, spanning regulatory, economic, and innovation-related aspects. We argue that harmonizing competition laws across the region through a unified framework—promoting the free flow of data, compute, and AI models—would streamline regulatory compliance for AI firms and create a level playing field, preventing monopolistic practices and enhancing consumer protection. To support this, we propose a set of technical rules for the AI industry to be integrated in the common legal framework, which can stimulate not only regional AI governance, but drive responsible AI development and regional economic growth.

To What Extent Does Being Colonized Influence Climate Vulnerability?

(Co-author, published at the Cambridge Journal of Climate Research, 2025)

The legacy of colonization intertwines historical injustices with contemporary geosocial vulnerabilities, affecting climate change impacts. However, quantitative evidence for this link is very limited. We examine the premise that former colonies, particularly in the Global South, bear a disproportionate burden of climate change effects due to historical



patterns of exploitation and neglect by colonizing countries. Using the Country Index of the Notre Dame Global Adaptation Initiative and University of Zurich's Colonial Transformation Dataset, we find that colonized countries are more climate vulnerable than non-colonized countries. However, we find no significant relationship between the duration of colonization, period of independence, and intensity of political domination on heightened climate vulnerability. These results indicate that regardless of the characteristics of the period of colonization, being colonized is an important factor related to the vulnerability of countries to climate change.

The Unintended Consequences of Wildlife Trade Bans

(Co-author, presented at the joint seminar of Kobe University and the National Institute of Environmental Studies Japan, 2025)

Wildlife trade bans are a key conservation strategy aimed at protecting endangered species, preserving biodiversity, and ensuring the sustainable use of natural resources. While these policies are well-intentioned, they often produce unintended consequences that extend beyond their immediate objectives. This systematic review of literature (n=977) examines these outcomes across four interconnected domains: ecological, economic, political, and sociocultural. These categories are deeply interrelated, with changes in one domain often triggering cascading effects in others. Understanding these dynamics is crucial for refining conservation strategies to mitigate negative impacts while enhancing positive outcomes. In this article, we emphasize the need for adaptive, inclusive, and interdisciplinary approaches to ensure that wildlife trade bans achieve sustainable and equitable conservation goals.

Climate Justice, Artificial Intelligence, and the Global South: An Earth System Law Perspective

(Presented and Workshopped at the Climate Justice Lab, Leuphana University of Luneburg, 2024-2025)

We explore the intersections of Artificial Intelligence (AI), climate justice, and Earth System Law, focusing on their implications for the Global South. AI holds transformative potential for advancing climate adaptation, energy optimization, and climate education, among others. However, its application within the Global South is fraught with challenges such as funding limitations, infrastructural gaps, algorithmic biases, and inadequate technical expertise. Moreover, marginalized and rural communities often lack access to quality data, exacerbating inequalities. To address these challenges, we advocate for the adoption of the ESL framework. Emerging from the socio-ecological context of the Anthropocene, ESL emphasizes interconnectedness within the complex nature of planetary systems. Integrating this approach could make it possible to establish robust governance standards, bridge the digital divide, and promote responsible financing structures. Furthermore, this framework offers a pathway for embedding climate justice within AI governance, ensuring that technological advancements align with the Sustainable Development Goals (SDGs) and the needs of vulnerable communities. This synthesis proposes a novel legal and ethical paradigm to harness AI for equitable climate solutions while addressing governance deficits and systemic challenges. It emphasizes the critical role of interdisciplinary collaboration in fostering climate resilience and justice in the Global South.

Big Tech, Self-Regulation and the Future of AI Laws

(Co-Author, Submitted to the High-level Advisory Body on AI, Office of the UN Secretary-General's Envoy on Technology, 2023;

Presented at the Junior Scholars Conference, University of Michigan Law School 2024)

As all technologies, AI is a double-edged sword, and can be used for either beneficence or harm. It is therefore important to develop social and economic regulations that promote the responsible use of AI. Amidst this evolving landscape, the dynamics of the public/private divide play a pivotal role in shaping the regulatory framework for AI technologies, adding layers of complexity to the governance of these powerful systems. As AI becomes increasingly integrated into the fabric of society, the distinction between the public and private realms becomes more blurred. This poses intricate challenges for regulators and industry stakeholders alike, prompting a critical examination of the interplay between public and private interests in the context of AI governance. To preempt government overpolicing, many AI firms have taken the initiative to establish self-regulatory measures. The question remains: how can these self-regulation initiatives within the global AI industry affect government-led regulatory policies, and what are its social, political, and economic repercussions? In this working paper, we analyze the main policy thrusts of the European Union, the United States, and China as the leading governmental bodies when it comes to AI regulation. Corollarily, we tabulate the priorities of leading AI companies in their bid towards self-regulation and assess them in the context of the principles of Responsible AI. Drawing insights from this dual analysis, we explore the potential impacts of industry-led priorities on government-led AI regulations. The complex interplay between public and private interests emerges as a critical factor influencing the formulation and implementation of AI policies. By navigating this complex legal terrain, we contribute to the ongoing discourse on shaping effective and responsible AI regulations that align with evolving societal expectations and ethical imperatives. We underscore the importance of a harmonized approach that melds



both public and private law, and recognizes the complementary roles of both governmental oversight and industry-led initiatives in ensuring the responsible development and deployment of AI technologies.

Cultural Heritage Law Versus Illicit Wildlife Markets: A New Regulatory Path for Southeast Asia?

(Invited for the Harvard IGLP Workshop, Stellenbosch 2025)

Despite decades of enforcement and international agreements, illegal wildlife trade (IWT) persists as a multibillion-dollar illicit market, especially in Southeast Asia. Existing legal regimes such as CITES, UNCAC, and UNTOC focus heavily on supply-side restrictions and deterrence, yet they struggle to address the cultural and economic drivers sustaining this global illicit market. This paper-in-progress argues that international cultural heritage law offers a complementary regulatory approach by influencing norms, identities, and incentives that traditional legal tools often overlook. Using a law and economics framework, the paper analyzes the structural limitations of current IWT interventions and explores how cultural heritage mechanisms—like the UNESCO 2003 Convention on Intangible Cultural Heritage—can reframe wildlife protection as a form of cultural preservation. Focusing on ASEAN member states, the paper proposes integrating cultural values and local traditions into conservation strategies to reduce enforcement costs, promote community-led stewardship, and reshape consumer behavior. Ultimately, it advances a more holistic, culturally grounded model for wildlife governance.

Battling the Illegal Wildlife Trade through Regulatory Finance: The Southeast Asian Context

*(Top 2 of 25, 2023 Amartya Sen Prize by Yale University's Global Justice Program and Global Financial Integrity;
Presented at the Yale Global Justice Conference and Published at Journal ASAP (Academics Stand Against Poverty))*

The illegal wildlife trade (IWT) is a US\$20 billion global industry, with significant environmental, economic, and sociopolitical harms. Fueled by a complex interplay of drivers and enabling factors, IWT poses concrete stumbling blocks for several UN Sustainable Development Goals. There is an urgent need for comprehensive reforms to address its multifaceted consequences around the world. In Southeast Asia, IWT is rampant as the region serves as a global hub for this black market. However, because of its characterization as an invisible threat, many aspects of IWT in the region remains understudied, particularly its relationship with illicit financial flows. In this paper, I look at the different economic and legal interventions to address IWT, focusing on regulatory finance. Adapting legal mechanisms from comparative jurisdictions, I propose three measures to be spearheaded by the Association of Southeast Asian Nations (ASEAN) Economic Community: first, to strengthen the implementation of existing financial crime instruments through specialized training and the utilization of emerging technology such as AI and blockchain; second, to append wildlife crimes as predicate offences to financial felonies, and; third, to utilize financial regulation instruments to fight poverty and support inclusive community development, encouraging communities to be proactive partners in long-term wildlife conservation.

Agricultural AI Adoption and Government-Subsidized Insurance

*(Co-Author, published at Agriculture Web of Science Q1; Presented at the 20th Joint-Seminar of the
European Association of Law and Economics and the Geneva Association, Krakow, Poland, June 2024)*

Due to increased unpredictability and severity of weather patterns caused by climate change, traditional farming practices and risk management strategies are becoming increasingly inadequate. This situation poses significant risks to global food security, necessitating innovative approaches to mitigate these impacts. In this paper, we explore the potential of Artificial Intelligence (AI) in mitigating climate-related agricultural risks and the pivotal role that public institutions play in encouraging farmers to adopt such technologies. However, the adoption of such AI technologies is hindered by high initial costs, limited knowledge, and perceived risks associated with new technological implementations. We explore a comprehensive framework that incentivizes the integration of AI in farming practices in government-subsidized insurance structures. In particular, we focus on the possibility of reduced premiums through government intervention. We argue that the provision of certain government interventions in the reduction of private insurance premiums in agriculture can effectively address these barriers by leveraging them as incentives for AI adoption. Not only these targeted subsidies, tax incentives, and regulatory support can enhance the attractiveness of AI investments in agriculture, but also, AI's potential to reduce the uncertainty and severity of climate-induced damages could lower the overall risk profile of insured farmers, thereby justifying lower premiums in the long run. We further discuss the implications of such policies on insurance markets, agricultural sustainability, and global food security.



How Much is Biodiversity Assessed in Climate Change Litigation?

(Co-Author, Presented at the 41st Conference of the European Association of Law & Economics, Turino, Italy, September 2024)

In the context of the EU Biodiversity Strategy 2030, especially considering the post-COVID-19 era, biodiversity is acknowledged as a crucial asset for people, climate, and the planet, enhancing the resilience of our societies against future threats like “the impacts of climate change, forest fires, food insecurity, disease outbreaks - including by protecting wildlife and fighting illegal wildlife trade.” The target of this paper is to investigate the extent to which biodiversity is factored into climate change litigation, at the same time exploring how courts can help achieve more biodiversity protection through climate change mitigation and adaptation. Utilizing a comprehensive review of literature and Natural Language Processing (NLP) for analyzing legal cases, we delve into the nuances of biodiversity in climate litigation, in particular how it is being considered in the valuation of environmental damage. By examining cases where plaintiffs seek remedies for climate-related damage across various jurisdictions, it becomes apparent that harm to lands, human lives, and moral injury are predominant themes in climate lawsuits. By identifying the presence of biodiversity considerations in climate litigation, our aim is to uncover the underlying patterns and implications of how biodiversity is currently addressed in these legal disputes. Considering our global analysis of climate change litigation documents, we undertake both qualitative and quantitative assessments through a combination of normative and positive analysis, including the innovative use of AI and NLP. Our initial findings suggest a notable gap in the explicit consideration of biodiversity within climate litigation, highlighting an area ripe for further exploration and potential integration into legal frameworks. This study contributes to the literature by demonstrating the current shortfall in adequately considering biodiversity in climate change litigation and suggests pathways for incorporating these critical environmental components into future legal actions. This paper can serve as a basis to improve the potential mechanisms through which such litigation can advance biodiversity protection as separate issue from climate change mitigation and adaptation.

AI Aristocracy? Inheritance & the Digital Dynasties of Tomorrow

(Supported by Yale Global Justice Program and Academics Stand Against Poverty)

Presented at the Fifth Biennial Conference on Critical Trusts & Estates and Symposium of the Drexel Law Review, September 2024)

Inheritance acts as a potent driver of inequality. Wealth and resources accumulate across generations, concentrating advantages in the hands of a privileged few. This skews access to opportunities, potentially limiting the ability of future generations to benefit from social, cultural and technological advancements. One of these advancements pertains to Artificial Intelligence (AI). While AI has been described as “the great equalizer,” there remain many issues with AI and inequality, including access to quality education and the job market, disabilities, and even discriminatory practices based on existing social biases. AI has been shown to exacerbate inequality by favoring wealthy entities with resources for development, deployment and adaptation. Without proactive measures, AI risks deepening societal divides. This paper discuss how inheritance inequality exacerbates disparities in wealth distribution and perpetuates social stratification, with AI potentially amplifying this phenomenon. It provides evidence of nascent AI use cases in the field of inheritance and wealth administration. This includes document management and automation, scenario planning, tax optimization, fraud detection and risk management, among others. The paper discusses how unequal access to these kinds of technologies, especially with Software-as-a-Service (SaaS) bundled with estate planning and consultancy, can not only inadvertently encode biases and reinforce existing socioeconomic inequalities, but also further consolidate wealth and power within the hands of a select few across generations. The paper proposes to embrace inclusive AI design principles when adapting AI in the context of estate planning and inheritance management. Further, it recommends exploring the use of AI in developing targeted interventions, such as inheritance taxation reforms and wealth redistribution mechanisms, to attenuate the concentration of inherited wealth, fostering greater socioeconomic parity. By fostering equitable AI in estate planning, inheritance management, and policies on private economic legacies, societies can strive towards a future where opportunities are not dictated by inherited privilege, but by individual merit and equitable access to resources.

Criminalising Climate Contention

(Co-Author, Presented at the International Conference on Planetary Crises & Human Rights, NCHR Oslo 2023;

Presented at the Tilburg Conference on Protest under Pressure, 2024)

Social mobilization and disruptive protest are indispensable ingredients in the battle against climate change. While a great deal of literature has focused on the role of legal modalities in reinforcing and complementing civic action aimed at mitigating climate change – including bringing environmental harms within the realm of criminal prohibitions – the ‘dark side’ of such legal mobilization has largely eluded scrutiny. In this paper, we explore the suppression of climate protest in and through criminal law. Drawing on an original database and select case studies from the Philippines and



Germany spanning the years 2016 to 2023, we map (1) the types of climate protesters that have become targeted by criminal actions, (2) the activities being prosecuted, (3) the legal instruments invoked, (4) the arrest, prosecution, and conviction rates and (5) sanctions imposed (if any). Our empirical analysis illustrates that an increasing number of climate activists find themselves subjected to criminal investigations, prosecutions, and sanctions. Without going into the legal merits of these cases, we discuss the potential impact of (over-)criminalizing climate activists. Ultimately, we argue for a more nuanced understanding of the double-edged nature of law as an ambivalent instrument in the struggle for sustainable futures.

**Bridges, Not Walls: The Role of Migration and International Human Rights Law
in Harnessing the Impending Demographic Tsunami**

(Author, Nurani Hukum: Jurnal Ilmu Hukum, Indonesia 2024)

The substantial contribution of migrants to the global economy via remittances is particularly pronounced in developing countries, underscoring their economic significance. However, a considerable number of migrants embark on perilous journeys, resulting in over 46,000 migrant deaths since 2000. Human rights abuses further compound these challenges. This article delves into the intricate issues faced by millions of migrants, scrutinizing their economic roles and the absence of comprehensive legal protection. By highlighting the imminent demographic challenge, it explores the potential of migration in mitigating its impact. Stressing the imperative need for robust legal frameworks grounded in international human rights laws, the article advocates upholding migrants' fundamental rights as a pivotal strategy to avert the impending crisis. Employing a Critical Research framework, it analyzes international human rights laws and puts forth policy recommendations to mitigate the adverse effects of the impending demographic tsunami. The article concludes that the urgent necessity of embracing a human rights-centered approach to migration is evident, emphasizing its potential to alleviate the looming demographic challenges and propel inclusive economic development by recognizing migrants as valuable human capital.

**Costs, Compliance, and Crime: Exploring Risk-Based Legal Strategies in
Combating Transnational Environmental Harms in the ASEAN**

(Awarded Best Presentation at Wageningen University's WASS PhD Day 2023;

Presented at the International Law and Southeast Asia (ILSEA) Conference, the Hague, November 2024)

The Association of Southeast Asian Nations (ASEAN) faces an increasing number of transboundary environmental harms, causing billions of dollars in damages every year. To address these challenges, ASEAN and its Member States have installed a number of legal mechanisms both on a regional and domestic level. Many of these mechanisms focus primarily on civil damages and compensation. Unfortunately, these measures have been insufficient to deter further environmental harms. This article applies economic analysis of law to assess models of incentives and disincentives for human activities with deleterious environmental effects. It studies the risk equation and various implications of adopting a primarily civil legal mechanism to address transnational environmental harms, vis-à-vis a sturdy criminal justice framework. It asserts that to uphold the No Harm principle and achieve optimum compliance against transnational environmental harms, it is necessary to reinforce regional collaboration against green crimes, providing a strong legal framework and sufficient institutional support for its various components. This includes aligning domestic environmental legislation and strengthening enforcement, prosecution, and conviction rates across the ASEAN jurisdiction. The article explores a number of ways to do so: data-driven smart treaties promoting criminal sanctions for environmental harms; more interagency cooperation through mutual assistance pacts; joint prosecutions, transnational arrest warrants, and expedited extraditions, and; specialized environmental prosecution teams. It discusses their resulting benefits to the ASEAN coalition, as well as the potential institutional challenges facing the organization in implementing this initiative. In sum, ASEAN could provide an excellent test-case for strengthening the international legal framework for environmental crimes. Through these initiatives, it could spearhead a balanced model of effective, efficient, and equitable policies against transnational environmental harms.

The Illegal Wildlife Trade as a Human Rights Issue

(Co-Author, Published at the Review of European, Comparative & International Environmental Law 2024;

Presented at the IUCN (Academy of Environmental Law) AEL Conference, Joensuu, Finland 2023)

Cross-border illegal wildlife trade (IWT) is considered an urgent transnational criminal issue. This US\$20 billion black market poses a significant threat to global biodiversity, adversely affecting a number of critical industries, and undermines financial and criminal justice institutions. An anathema to the Sustainable Development Goals (SDGs), IWT disproportionately impacts developing, biodiversity-rich countries. Unfortunately, efforts to address this underground economy have been hampered by its traditional characterization as a primarily economic issue and a victimless crime. We argue against this misconception; instead, we posit that the harms of IWT tangibly impact not only socio-economic human rights, but also civil, political, environmental, and intergenerational rights. First, we discuss IWT's direct harms and negative externalities, both micro and macro. We then focus on the various international and regional legal mechanisms attempting to address the escalating IWT problem. Subsequently, we provide an introduction to the



human rights lens as applied to IWT, emphasizing the various intersections of IWT and human rights violations, drawing examples from domestic case studies. Analysing international IWT agreements, particularly the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), we highlight how multilateral legal frameworks fail to recognize the IWT-human rights intersections in how they address this challenge. We then show why it is advantageous to adopt a human rights perspective in designing and implementing laws, rules, and regulations in addressing the entire IWT supply chain. Ultimately, we conclude that for the successful implementation of counter-IWT legislation, it is necessary to adopt a radical mindset shift: a human rights perspective is not just desirable, but rather necessary, in the interpretation, application, and potential revision of policy interventions, for laws against IWT and other natural resource crimes to truly be effective and equitable.

The Role of AI in Fair Culture

(Co-Author, Fair Culture Journal, UNESCO Germany 2023)

We explore the application of fair trade principles to the fair culture movement through the use of artificial intelligence (AI). We highlight the potentials of AI-powered technologies in upholding the 2005 UNESCO Convention on the Protection and Promotion of the Diversity of Cultural Expressions. This encompasses creating a transparent and accountable record of fair culture products, ensuring the payment of proper compensation, local development, and adherence to certification processes. Other use cases include utilizing AI to incorporate fair culture recommendations into algorithmic systems used by global streaming platforms and e-commerce giants, all the while promoting non-discrimination, gender equity, and cultural diversity. We provide a number of existing AI technologies as non-exhaustive examples, including AI-powered blockchain, computer vision, natural language processing, and generative AI, and how they can be utilized to meet the goals of fair culture. However, while AI is a powerful tool for CCIs, we emphasize the need to regulate and protect the intellectual property of artists and indigenous communities, including sufficient attribution and compensation mechanisms. In line with the 2021 UNESCO Recommendation on the Ethics of Artificial Intelligence, we underscore the importance of considering ethical considerations and respecting privacy and cultural heritage in implementing AI technologies for fair culture.

The Road to a More Accessible Web: Bridging the Inequality Gap with AI

(Co-Author, Graduate Inequality Review, University of Oxford 2023)

The United Nations has hailed the Internet as a catalyst for the promotion of human rights and a necessary component for the attainment of the Sustainable Development Goals. However, the Digital Divide still remains, highlighting existing inequalities within the greater social sphere. A key factor that excludes certain populations from accessing the wealth of information available online is low web accessibility. Web accessibility refers to the ease of use of the Internet by persons with disabilities. This article proposes that this is an understudied dimension of inequality, both at the individual and societal level, potentially affecting 1.3 billion people in the world in varying degrees. It discusses how improving web accessibility can improve the lives not only of persons with disabilities but also the general social welfare as well. In line with this, it explores a number of artificial intelligence use cases which can be implemented to mitigate this pressing challenge. Finally, the article concludes that governments, industries, and academia should devote increased initiatives in how AI can be used towards improving web accessibility in order to bridge the Digital Divide and contribute to alleviating the global inequality gap.

Social Engineering & Cyber-Attacks: Cybersecurity, Terrorism, and Asymmetric Threats

(Contributing Author, The Handbook of Homeland Security, Routledge: CRC Press 2023)

In this volume published by CRC Press, the articles focused on the use of cyber-attacks both in the context of criminal activities & security-related threats. In particular, it discusses techniques in both psychology & computer engineering utilized to exploit system vulnerabilities, bypass security features of networks & inflict damage on the target systems, seeking to understand them better in order to prevent & mitigate their harmful impact.

Regulating The Regulators: Economic Assessment of the Regulatory Framework of PH Electricity Industry

(Published at the International Journal of Energy Economics and Policy, EconJournals 2023;

Presented at the 3rd International Conference on Energy and Environment Economics, August 2022)

This paper seeks to analyze the regulatory framework of energy economics in the Philippines. It looks at the historical legal policy background upon which these regulations stand, and seeks to understand how different factors contribute to the performance of the energy industry in the Philippines today, particularly in providing service to the communities all around the country. The first part provides a background of the current status of the economics of electricity in the Philippines, in contrast between the Philippines and other countries in comparatively the same circumstantial environments but with vastly different payment rates for electricity. The second part delves deeper and discusses its history, tracing the creation of landmark private industries, community cooperatives and regulatory bodies throughout the century, up to the present day and how the current energy regulatory framework operates. It seeks to isolate the extent of influence on this particular variable that regulatory frameworks exert. Lastly, the final part dissects the Philippine regulatory framework, applying standards and concepts for efficiency in regulation and identifying areas for improvement. It concludes by providing four key recommendations: adopting data-driven regulation; promoting a principle-based regulatory system; improving incentives against corruption and patronage politics, and; increasing



consumer education. These steps can provide the backbone of reform that the Philippine regulatory system needs in order to push forward an efficient, human rights-responsive social energy framework for its citizens.

Greener E- Wallets: Blockchain Integration of Mangrove Assets as Carbon Tokens

(Best Environmental Pitch + Best Photoessay, Boston Congress of Public Health, HPHR Journal Hackathon 2022)

While there are many benefits to the use of blockchain technology, the challenge with cryptocurrencies and NFTs are that many of them are based on perceived value. This is why massive inflation and deflation can occur with the use of these tokens. The counterproposal is to use real-world value as basis for these electronic assets. One of them are carbon offset tokens. However, carbon tokens at present are very limited. There are only a few in existence, and many have not taken off the ground. It is also difficult to trade them, especially since there are no open platforms to do so. These assets, while growing, tend to stagnate compared to other tradable ones, including stocks and even crypto. Creating a handy wallet, stored on mobile, which allow for the trading of these carbon tokens can address this. This project envisions three phases: *first*, the tokenization of mangroves in underserved coastal communities in Quezon, Philippines; *second*, the launch of an e-wallet which allows users easy access to these electronic assets for trade or for use, and; *third*, the gradual integration of mangrove tokens along with other carbon and environmental tokens into a single platform to encourage easier trading. This initiative is useful for environmental health by helping further climate justice, increase biodiversity to prevent the further rise of zoonotic diseases, and serve as protective barriers for traditional coastal communities, which are often underserved and marginalized.

Material Science v. SSI: Bioinspired Omniphobic Functional Surfaces against Surgical Site Infections

(Presented at the Boston Congress of Public Health Hackathon 2022; Published at HPHR Journal)

Surgical site infections (SSI) present a significant morbidity and mortality rate post-surgery, with effects more pronounced in developing countries than in developed ones. SSIs are not only personal burdens shouldered by individuals and their families; they also present a social cost to healthcare systems, with billions of dollars in economic losses every year due to unaddressed post-operative complications. There exists a number of initiatives and best practices to combat SSI, yet especially for developing countries, the statistics for infections remain relatively high, due to multiple factors. The authors propose the adaptation of newly-developed surface processing materials to be adapted for utilization in surgical centers and surrounding areas. This material, originally manufactured for application in the automotive industry, is both oleophobic and hydrophobic, which can be used to coat commonly-used objects in the surgery center, thereby reducing chances of microorganism retention, including infection-causing viruses, bacteria and fungi. Especially in underserved areas with limited resources, sanitation difficulties, and challenging hygiene practices, non-single use materials with these self-cleaning properties would be highly valuable for operating rooms and post-surgical care wards. Based on principles in exposure science, this new material can provide additional necessary environmental safeguards to prevent risks of SSI before, during and after surgery.

On the Choice of Sustainable Development Perspectives, as Applied in the South East Asian Region

(UPLB College of Economics and Management CEM Discussion Paper No. 21, December 2022)

The paper discusses sustainability from the perspective of the Association of Southeast Asian Nations (ASEAN). It traces the history of the regional body, as well as its efforts in integrating sustainability initiatives into its projects and programs. At the same time, it tackles the concepts of strong and weak sustainable development, highlighting their respective differences. Ultimately, it focuses on the question of biodiversity, and emphasizes why SSD is the best approach in addressing the current challenges faced by Member-States. To conclude, the paper discusses the goal of ASEAN from its conception, including its premium as a top biodiverse region, and highlights why SSD is the only way forward for the region.

Framing Environmental Harms as a Transnational Criminal Issue: The ASEAN Perspective

(Presented at 24th International Conference of the Society for Human Ecology, Brazil, October 2021)

Modern communication and transportation technology has blurred national borders and boundaries, and this has both positive and negative implications for the Association of Southeast Asian Nations (ASEAN). While the increased mobility of people, goods and services fuel economic growth and cultural exchanges in a globalized society, it can also serve as an enabler for exponential damage on a much larger scale. Primarily, these negative effects pertain to the environment, as the laws of nature do not recognize politically-set boundaries. This wide potential for impact requires utmost cooperation between the ASEAN Member-States. However, of the eleven recognized transnational crimes under the ASEAN, only two of them are environmentally-related. This is in stark contrast to the necessity of preventing and addressing the harms of environmental damage through multi-perspective legal measures. This paper analyzes the



current situation through the lens of law and economics. It proposes an ASEAN dual-pronged justice mechanism to address climate-related and other environmental harms from the perspective of prevailing transnational criminal justice norms, vis-a-vis the concept of efficiency and compensation. It posits that ASEAN, as an emerging economic power and a growing political commune, has both the mandate and the opportunity to pioneer this internationalized aspect of green litigation, merging both international environmental law and transnational criminal law in order to mitigate and effectively battle the deleterious impacts of environmental harm on a massive scale.

Enhancing the ASEAN Way: Integrating International Law into Local Initiatives in the ASEAN

*(Published in "Advancing Rule of Law in the Global Context" Routledge - Taylor & Francis Group, August 2020;
Presented at the International Conference of Law & Governance in the Global Context, Universitas Indonesia 2017)*

The Association of Southeast Asian Nations (ASEAN) is a regional organization of countries aiming to promote amity & international cooperation between its member-states. It seeks to build a mutually-beneficial community supported by three pillars: political-security, economic & socio-cultural. The goal of ASEAN is primarily economic in nature: improving the mobility of goods & services within the region as well as facilitating trade with external partners. It was never meant to be a unitary political body similar to the United States or the European Union, hence the ASEAN Way: its emphasis on non-intervention in sovereign affairs & consensus-building. Because of this, ASEAN remains a mere potential to be a global force for change, particularly in areas of pressing regional concern like international environmental law & transnational criminal law, among others. This paper forwards recommendations in transforming ASEAN to more than just an Economic Community; rather, a leader of social change in the global setting. It focuses on cementing the ASEAN Way through more binding multilateral agreements, integrating various aspects of international law into meeting the United Nations' Sustainable Development Goals (SDGs). It does so through the perspective of citizen engagement, particularly youth empowerment, in order to rally regional political support for these initiatives. It concludes that for successful development in the region to take place, law & governance must be inclusive for all.

Economic Productivity, Infrastructure Development: Poverty and Economic Security

(Contributing Author, Palgrave Encyclopedia of Global Security Studies, Springer 2020)

As contributing author to the Palgrave Encyclopaedia of Global Security Studies, the articles centered on economic productivity & infrastructure development, focusing on their roles in economic & global security. They also featured two international organizations based in Southeast Asia championing the cause of economic reform, both at the national & community level: the Center of Reform on Economics as well as the Urban Poor Consortium.

Tackling Terrorism in the Philippines: Legal Policies addressing this Non-Traditional Security Threat

(Published in Perspectives on Terrorism in the Philippine Context, UP Law Center, August 2019)

The 2017 Marawi crisis was a colossal eye-opener for the Philippines' security sector to re-examine its national response to the growing threat of domestic & transnational terrorism. This debacle of a siege, which lasted for five months, highlighted the unpreparedness of the government to promptly & efficiently address such attacks, & even moreso emphasized its continued inefficacy to prevent them at the outset. There are a number of factors at play in similar scenarios, one of the most important of which is the over-all comprehensive legal framework of the host state in tackling such terrorist threats. This introductory paper provides an overview of the Philippine laws applicable to terrorism, from the perspective of both domestic criminal law & transnational criminal justice. It discusses the legal concept of terrorism, its etymology, multiple definitions depending on jurisdiction, & various types as characterized by both the legal regime under which it is addressed & the social sciences. It discusses national legal measures to address terrorism in the Philippines, which include the Revised Penal Code, the Human Security Act & the International Humanitarian Law Act, among others. It provides a brief critique of each, & then presents a comprehensive critical evaluation of the Philippine anti-terrorism legal framework. Its conclusion, based on both ideological & practical considerations, proposes general structural support & amendments to the legal regimes applicable in the field of counterterrorism & preventing violent extremism, in order to prevent such crises as the Marawi Siege from happening again.

Psychology, Law and the Filipino Terrorist

(Published in The Philippine Handbook on Transnational Organized Crime & Terrorism, National Police College, March 2019)

As the sole Southeast Asian country to be included in the top 10 of the 2019 Global Terrorism Index, the Philippines faces the continuous threat of terrorist attacks. It is counted among the emerging regional hotspots for violent extremism & radicalization, & violence is poised to affect its most vulnerable of communities. This chapter on criminal psychology, law & terrorism seeks to guide our uniformed officers in understanding the factors which lead to the



formation of a Filipino terrorist mindset. It provides an analysis of the personal, sociocultural & political backgrounds of violent extremists, as well as the various methods by which they are radicalized & encouraged to commit acts of terror. By doing so, it hopes to lend agents of the law a unique viewpoint into the mind of a would-be terrorist, & spearhead law enforcement & criminal justice initiatives aimed at the twin objectives of prevention of terrorist acts, & rehabilitation of offenders. The first part talks about psychology & the counterterrorism legal framework, situating the terrorist mindset within the context of Philippine law enforcement. The second part discusses the possibility of profiling terrorists based on psychological testing. Finally, the chapter concludes by adapting psychological tools & techniques as recommendations to strengthen strategies implemented at the level not only of the community but also at the level of creation of strategic policy. Taking into account the unique positions of various law enforcement agencies, this introductory chapter seeks to provide a deeper dimension into their understanding of how the terrorist mind works, in order to assist them in properly & effectively enforcing the law.

Technology, Disaster and Resilience: Can the ASEAN Policy Landscape Keep Up?

(Presented at 2nd International Symposium on ASEAN Studies, February 2018)

Due to the geography of Southeast Asia, the region is prone to many natural calamities, ranging from hydrometeorological catastrophes to geovolcanic cataclysms. This is why the Association of Southeast Asian Nations (ASEAN) as an economic community agrees that addressing its peoples' adaptability to natural disasters is a prime concern, particularly with the worsening conditions brought about by climate change. With the advent of ever-improving information & communications technologies (ICTs), new electronic tools are constantly being developed in order to assist initiatives in disaster risk reduction & response management (DRRRM). This paper enumerates a number of best practices in how individuals, organizations & communities use e-tools in order to prepare & adapt to these calamities, & provide a closer look at the resiliency & creativity of the ASEAN spirit in utilizing technology to cope with the gravest of natural disasters. But more than that, the paper analyzes strategies at the level of national & international policy, evaluating the general legal framework through which effective e-initiatives can be adopted & implemented on a wider scale. It offers a comparative review of current DRRRM laws within the ASEAN region, & posits that not only do they fail to provide a solid policy foundation by which these ICT-based tools can be integrated & adopted into sustainable programmes, they also hinder them from doing so. Finally, the paper concludes by emphasizing the necessity to revisit & revise existing DRRRM policy frameworks, both at the domestic & regional level, in order to facilitate & maximize the utilization of ICTs in uplifting the ASEAN spirit of resilience, & preventing natural calamities from turning into full-pledged disasters.

Battling Transnational Terrorism in the ASEAN: The Relevance of IHL in ASEAN Community 2020

(Published in the Asia-Pacific Yearbook on International Humanitarian Law, International Committee of the Red Cross 2018)

Since the 1970s, the Association of Southeast Asian Nations (ASEAN) has been collectively committed to battling transnational crimes, which pertain to violations of law transcending national borders. Until 2001, the concept of terrorism has fallen under the ambit of this general classification. It was only after the events of 9/11 that it has been given separate treatment & more focus as a legitimate & growing security threat in the region. This paper utilizes country-focus analysis of the ASEAN member-states as well as examines key regional treaties, agreements & declarations regarding terrorism, evaluating the legal regime under which collective ASEAN policies & actions on anti-terrorism lie. It notes that while there is a move to address terrorism on a regional level, its emphasis on sovereignty & the application of domestic law can hinder rather than help eradicate terrorism. The author forwards that ASEAN's success in addressing regional security concerns as a multilateral cooperative economic community in 2020 would depend heavily on its ability to adopt & abide by standards set by International Humanitarian Law (IHL) when applicable, both on its perspective on terrorism & how it proffers counterterrorism measures for individual member-states & as a collective.

Defeating Inverted Pentagrams: Criminal Liabilities of the Chief of State & His Minions in Errant War on Drugs

(Originally Published in the ALSA Law Review- Asian Law Students' Association, August 2017;

Republished in the ELSA Law Review- European Law Students' Association, 2018)

In light of Philippine President Rodrigo Duterte's War on Drugs, this article discusses several key issues which relate to its implementation. It discusses Operation Tokhang & notes that the extrajudicial killings accompanying it show the failure of the Executive to uphold Republic Act No. 9165, or the Comprehensive Dangerous Drugs Act of 2002. It analyzes legislation & case law which could give rise to criminal liability of the Commander-in-Chief & errant law



enforcers under domestic & international criminal law, despite the cloak of Presidential Immunity & the ability of the Chief Executive to grant absolute pardon. It also discusses various legal remedies for citizens directly & indirectly affected by the Duterte Administration's War on Drugs, & posits that the Courts retain the power to prevent these abuses from further happening, as well as penalize those who have exceeded the scope of their authority & exercised abuse of office.

The Criminal e-Cosystem: Navigating Transnational Cybercrimes in the Age of ASEAN Economic Integration

(Presented at the 22nd International Conference of the Society for Human Ecology, November 2017)

The rapid pace of technological development is breaking down barriers among nations, giving new meaning to the term 'global community.' Whereas states used to be the primary actors in the international scene, today the human individual takes the stage, thanks in huge part to cyberspace as a new, borderless ecosystem to navigate. But with the advent of new frontiers also come new challenges, & one of the most pressing concerns of the international cybercommunity are transnational cybercrimes. This paper discusses the concept of cybercrimes, their transnational nature & how they can affect the environment of communities in transition. In particular, it focuses on the Association of Southeast Nations (ASEAN) as an emerging global economic power, & considers the impact of transnational cybercrimes on the goal of ASEAN 2025 if left unchecked. Policy Analysis fleshes out the strategies employed under both domestic & international criminal law to prevent cybercrimes, as well as assess their over-all efficacy. The paper concludes that the booming population of Internet users in the ASEAN, as well as the growing dependence of all industries on the cyberworld, necessitates prompt prioritization of cybersecurity as a key policy & social issue needed to be addressed both at the national & international level, in order to properly protect the environment & prevent looming environmental damage to the region.

Transforming Momentum into Propulsion: Harnessing the Demographic Tsunami

(Award for Brilliance, Eisaku Sato Competition, United Nations University, November 2017)

The essay discusses the phenomenon termed 'demographic tsunami' & its possible repercussions in the global socioeconomic & political arena in the near future. It talks about the UN Sustainable Development Goals (UN SDGs) & the challenges that meeting them faces, in light of this continuous worldwide demographic imbalance. It identifies three key divides which further complicate the problem: the generational divide, the gender divide & the economic divide. It posits that in order to address this pressing concern, it is necessary to bridge these gaps. The author offers a series of propositions from the perspective of international law & best practices in governance & the development sector which are geared towards youth empowerment, structural reforms in education & sustainable, circular labor migration & reintegration. It also emphasizes the empowerment of women & the positive role of ICTs in assisting inclusive global development. The author also discusses the issue of refugees, which comprise 65 million of the total 244 million international migrants as of Q4 2015. He forwards that instead of viewing them as state burdens, they should be considered as additional factors to boost diversity, productivity & economic gains. In conclusion, the essay advances that instead of designating the phenomenon as a 'demographic tsunami', it should be considered instead as 'demographic propulsion,' signifying a collective, global drive to move forward for inclusive, sustainable development.

21st Century ICTs: The Way Forward Information & Communication Technology and the Youth

(Presented at the Asian Development Bank Annual Meeting Youth Forum, Yokohama, Japan 2017)

This exploratory paper is a cooperative effort between young professionals, academicians & development specialists from various sectors worldwide. The research was designed & supported by ADB Youth for Asia and World Economic Forum's Young Global Shapers. As a narrative, it lays the background of traditional uses of information & communications technologies (ICTs). It then aims to identify new developments in the field & how these disruptions can impact governance & economics for welfare states in the coming years. In particular, case studies focused on artificial intelligence, augmented reality, big data, financial technologies, the internet of things, & smartphone applications, as applied in various sectors of development. The paper is written from the perspective of the United Nations' Sustainable Development Goals 2030, & explores the key role of the youth in achieving these goals with ICT tools & platforms. It recommends key investment & capitalization actions by the Bank in order to maximize the potentials for economic & social development of welfare states. This paper is intended to be a preliminary step towards the creation of a complete knowledge & training package to be disseminated to target audiences including the Asian youth, policy makers & the private sector.



Forging On, Volting In: Japan-ASEAN Mechanisms in Battling Crimes beyond Borders

(Presented during the International Studies Conference, August 2017)

Globalization has brought about the huge potential for global economic growth & an enriched international cultural experience. In addition, rapid developments in technology have driven innovation in the fields of transportation & communication across the world, further breaking down barriers towards establishing a truly global community. But with these new frontiers come new challenges, both legal & practical. One of them are crimes beyond borders, also known as transnational crimes. The Association of Southeast Nations (ASEAN), as an important economic & political alliance, is instrumental in eradicating the problem of transnational crimes. In fact, efforts have been made by the regional organization since the 1970s to address this concern. However, ASEAN alone has seen a sharp rise in transnational crimes in recent times, leading to a crisis of international proportions which needs to be immediately addressed. In order to properly do so, it may require external assistance. Japan has always been a key ally in various concerns of ASEAN, & indeed shares a rich history with the region's members in various political, economic & security concerns. One particularly crucial area of cooperation pertains to transnational criminal law mechanisms. With the forecasted rise of transnational crimes in the Asia-Pacific Region in 2017 & beyond, this paper analyzes the important role of Japan in addressing transnational crimes in ASEAN & seeks to identify the potential impact of a stronger Japan-ASEAN partnership, taking into account various national & regional security considerations. It posits that this partnership could have a potentially transformative role in battling transnational crimes in the region, & this in turn can greatly affect how transnational crimes are addressed as an international peace & security concern by the global community in the foreseeable future.

When Order has Fallen: Philippine Criminal Justice in the Aftermath of Natural Calamities

(Presented at the 6th International Law, Regulations & Public Policy Conference Singapore; Published as Proceedings 2017)

This paper analyzes crime & justice in the aftermath of natural calamities in the Philippines. In particular, it zooms in on Tacloban City, one of the urban areas directly hit by Typhoon Haiyan, & notes how the national government failed to afford protection & decent standards of living for victims of the disaster, in contravention of its obligations both under the Constitution & international human rights laws. Relevant provisions under the Revised Penal Code are analyzed, as well as the Philippine Disaster Risk Reduction & Management Act of 2010 (Republic Act 10121).

The author forwards that the implementation of public order through criminal justice should have been prioritized for humanitarian aid to be properly implemented & recommends a revisit of the underlying principles of RA 10121. He proposes general policy modifications at the level of both local & national government in relation to disaster risk reduction, response & management, particularly promoting the idea of public order & welfare as twin complementary concepts in effective disaster relief.

Setting Examples: The Potentially Transformative Role of the Philippines in Battling Transnational Crimes in the ASEAN

(Presented at the National College of Public Administration & Governance International Conference, August 2017)

Through technology & development, increasingly easier means of transportation & communication have fuelled global economic growth & more enriched sociocultural interactions. In the political sphere, however, this trend translates into increased global & regional security concerns, particularly for countries with porous & contiguous borders. Foremost among them are terrorism & transnational crimes. As early as the 1970s, the Association of Southeast Asian Nations (ASEAN) has forwarded steps in order to address this, with several key declarations & agreements promising regional cooperation to combat cross-border criminal activities. Despite these efforts, ASEAN has seen a sharp rise in transnational crimes more than 4 decades later, leading to a crisis of international proportions which needs to be immediately addressed. With the Philippines taking the lead role in ASEAN in 2017, this paper seeks to identify the potential impact of its leadership in this initiative, taking into account the aggressive shift in the country's criminal justice policies. It posits that the Philippines' internal policies could have a potentially transformative role in battling transnational crimes in the region in line with ASEAN 2030, & this in turn can greatly affect how transnational crimes are addressed in the international community in the foreseeable future.

Empowering Survivors in the Asian Climate Battleground: Proposing a Criminal Justice Model for Crises after Calamities

(Published in the Asian Journal of Legal Studies, August 2017)

Criminal justice mechanisms are often overlooked in the crafting of laws, rules & policies related to disaster risk reduction, response & management. This leads to the detriment of citizens in communities ravaged by calamities, for they are doubly victimized, first by the consequences of the natural phenomena, & second by the ineffectuality of the criminal justice system in their locale in the chaos following the storm. This paper examines the effects of such



oversight in Asia. In particular, it analyzes legislation & jurisprudence related to the intersection of disaster law & criminal law, & how it has failed in the aftermath of the strongest storm to ever make landfall in history. Applicable not only to the Philippines but also to greater Asia, it recommends best practices & key policies for stronger criminal justice mechanisms to take effect in the aftermath of natural calamities, in order to prevent abuses on the accused, support community rehabilitation & ultimately uphold human rights.

Countering Cyberlibel: A Practitioner's Perspective

(Presented during the 45th Veterinary Practitioners' Association of the Philippines Conference 2017)

The Philippines is considered the social media capital of the world: many aspects of modern Filipino life, be it social, economic & political, are expressed online. In light of this, the government has made efforts to regulate behavior in cyberspace, particularly those which are criminal in nature, one of which is online defamation. Under Philippine law, defamation is the public & malicious imputation of a crime, vice or defect. The law does not distinguish whether such is real or imaginary; as long as it tends to cause the dishonor, discredit, or contempt of a natural or juridical person, or to blacken the memory of one who is dead, then it can be considered libelous. A number of recent incidents in social media show that practitioners of veterinary medicine are particularly prone to online defamation, & this fact has enormous repercussions on their professional stature in the industry, their livelihood, & their name in the community. This communication paper uses a social science-based case-study approach to highlight instances of libel & bullying through social media, particularly directed at practicing veterinarians by irate owners who perceived themselves harmed by the former's professional actions. It details both the human & environmental factors common to both of them, & places them side-by-side with the elements of crimes under which these acts can be classified under the Revised Penal Code of 1930 & the Cybercrime Prevention Act of 2012. It enumerates both practical & legal steps which veterinarians can undertake to prevent further damage, as well as to seek redress for harm already done. It concludes that the practice of the veterinary profession must be constantly imbued with care & reasonable foresight, & requires working closely with both the legal profession & the public in order for such harms to be prevented.

All Hands on Deck: The Role of Law & Governance in Accelerating Global Climate Action

(Invited to Climate Law & Governance Day 2017 in Bonn, Germany-- COP23, November 2017)

Published in the University of Asia and the Pacific Law Journal 2021)

Climate change is an undisputable fact, a global problem of epic proportions. Because of this, it also requires a similarly-scaled solution: everyone working hand-in-hand in order to battle it. This essay discusses humanity's role as both cause & solution of climate change. It tackles law & governance as a social mechanism by which human behaviour can be regulated, as well as the different levels under which it operates. It provides the Association of Southeast Asian Nations (ASEAN) & the Philippines as examples of the interplay between national & international law in the context of climate action. Finally, it suggests potential sociopolitical strategies based on international relations, domestic legal affairs & on-the-ground implementation in order to effectively combat climate change. It concludes with the need for collective, strategic action on all levels of policy & implementation in order for climate action to truly have an impact.

How Stories can Change the World: Reflections on Human Rights, Peace and Social Media

(Presented at the Plenary Session, 4th International Conference on Human Rights, Peace & Conflict, Bangkok 2016)

According to the United Nations, access to the Internet is a basic human right. However, the increasing use of social media as a primary news source has led to the simplification of stances on key social issues involving peace & human rights into mere dichotomies. This type of direct democracy has often fuelled incompletely-informed actions rooted in mob mentality. The author aims to explore the dynamics of human interaction & political discussion in social media, tackling the concepts of desensitization & learned helplessness. He posits that these factors have helped fuel the rise of modern Messianic figures around the world, promising change oftentimes through the politics of fear & misplaced anger. He also suggests ways by which information campaigns can be designed as true-to-life stories in order to reach out to people of opposing & maleducated political mindsets, as well as how individuals can help polarize the increasingly violent socio-political atmosphere that social media has engendered. The author recommends that more than mere facts & figures, working on the prevailing user engagement framework of both trending & truth-telling through the Storytelling concept, means & methods can help harness the enormous potential of social media to promote peace & human rights across cyberspace, translating into concrete actions in the external world.



Human Rights in the Context of ASEAN Transnational Criminal Justice

(Presented during the Human Rights Symposium for the Youth, Universitas Indonesia 2016)

The Association of Southeast Asian Nations (ASEAN) has time & again expressed its deep commitment to upholding human rights. In line with this, it has established the ASEAN Intergovernmental Commission on Human Rights, which came out with the ASEAN Human Rights Declaration (AHRD) in 2012. The AHRD seeks to uphold the Universal Declaration of Human Rights (UDHR) as well as other essential rights not embodied therein, & envelope them in pivotal areas of the ASEAN Economic Integration, one of which relates to transnational criminal justice.

As early as the 1970s, ASEAN countries have recognized the need for concerted efforts to address the problem of transnational crimes. Its collective commitment against transnational crime is embodied in several key agreements & declarations, reaffirming their joint & cooperative commitment to battling transnational crimes. This paper analyzes current ASEAN declarations, national & regional policies, & intergovernmental state actions regarding transnational criminal law, & seeks to determine whether the ASEAN transnational criminal justice framework provides enough safeguards & protection for human rights across its ten-country jurisdiction. It identifies potential problem areas & suggests recommendations as to how the implementation of transnational criminal justice in the ASEAN can complement & ultimately uphold human rights.

ADDITIONAL SKILLS & COMPETENCIES

Freelance Photographer (Profile, Fashion, Weddings & Events), 2010-present

- As freelance photographer, worked with private clients for wedding and events in Italy, France, the Netherlands, Switzerland and the Philippines.
- Has been a finalist & won a number of national & local photography competitions, including contests sponsored by the US Embassy, the British Council, the Philippine Department of Tourism, C2 Cool & Clean, the Diliman Files, & the Quezon City local government. His work was on exhibit at the Harvard Law School, Negotiation & Mediation Clinical Program Office, & the 2018 UN Conference of Parties in Bonn, Germany.
- Headed Photography Documentation for various national & international events, including:
 - 2017 Asian Law Institute Conference
 - DENR-EMB Roadshow for the Manual of Uniform Procedure
 - 2015 Asian Marketing Leadership Summit
- Worked in photodocumentation for the following organizations:
 - Law Group, Wageningen University and Research
 - International Migrants School, Rome, Italy
 - National University of Singapore
 - Institute of International Legal Studies, University of the Philippines Law Center
 - Documentations Specialist, ANSA-East Asia & the Pacific Foundation, Inc.
 - United Nations' Assistance to the Khmer Rouge Trials in Cambodia, Victims' Support Section
- Former Head Photographer for External Affairs
 - UP Photography Society (2012-2013, 2015-2016)
- Has been invited to judge various photography competitions & pageants by various organizations & institutions, particularly the University of the East, UP Diliman College of Engineering, UP Diliman College of Architecture, UP Diliman College of Science, Little Shepherd Integrated Montessori, Little Shepherd Business & Science High School, & ASEAN Youth Leaders' Association.

Events Judge, 2010-present

- Has been invited to judge various photography competitions & pageants by various organizations & institutions, particularly the Department of Social Welfare & Development, Department of Environment & Natural Resources- Environmental Management Bureau, University of the East, UP Diliman College of Engineering, UP Diliman College of Architecture, UP Diliman College of Science, Little Shepherd Integrated Montessori, Little Shepherd Business & Science High School, & ASEAN Youth Leaders' Association.



Trainor for Photography, 2010-present

- As former Head Photographer for External Affairs for the University of the Philippines' Photography Society (UP OPTICS), conducted several workshops as trainor on various fields of photography. Lectures & talks delivered include:
 - Following your Passions: Mobile Photography, Cisco Meraki & Trends Event, March 2018
 - How to Take the Best Selfies: A Look into Profile Photography, UP Physics' Association, Alternative Classroom Learning Experience 2nd Sem A.Y. 2014-2015
 - An Introduction to Photography, UP Aggregates Inc, Alternative Classroom Learning Experience , 1st Sem A.Y. 2014-2015
 - How Photography Can Change Your Life, UP Circle of Engineering Students (UP CREST), 2nd Sem A.Y. 2016-2017

Freelance Events Host, 2010-present

- Acts as emcee in various weddings, debut celebrations, & also events organized by different events coordinators & organizations in & out of campus.
- Hosted the 25th Anniversary of the National Police College & the Graduation Ceremony of the Masters in Public Safety Administration of the Philippine Public Safety College in 2019, & the Golden Globe Annual Awards for Business Excellence at the Manila Hotel in March & September 2018. Also hosted ADB's Youth for Asia Cultural Night in Yokohama, Japan in May 2017, as well as the UP Pi Sigma Open Debate Tournament Finals in September 2016.
- Other hosted events include UP FAIR & Square Concert in February 2011, Y4iT Philippines in October 2012, & the UPD Freshmen Orientation Program in 2015. Conducted the primary voice-over for the UPD 2015 Freshie Welcome Assembly.
- Acted as facilitator in various organizational events by the UP Photography Society from 2011 to 2016.

Theatre & Film Actor, Radio Talent 2006-present

- Various affiliations allowed for exposure to the show business industry in the Philippines, including being a voice talent (DZUP 1602), guesting on radio (Cebu Y101.1 FM, Wired on Wednesdays) & casting calls on TV (Maalaala Mo Kaya, ABS-CBN, 2010). Appeared as a talent in two episodes of *Gag-U* (Studio 23, 2013) and a small role on *OFW the Movie*.
- Anchored *Gabay On-Air* from 2015-2016 with the UP Diliman Office of Counselling & Guidance on Bagong Gising DZUP 1602, Kasali Ka!
- Has been interviewed on TV on a number of occasions, particularly TV Patrol on ABS-CBN, PTV-4 & 24 Oras on GMA News & Public Affairs.
- Appeared as Main Host for a pilot webinar series on the legal profession, interviewing lawyers for screening at Bar-related events.
- Has acted in major roles in both the university & national setting including "Cats the Musical" as Macavity (UP Diliman, 2008) & the Filipino "Takipsilim" as the Evil King (UP Los Banos, 2006).

References to be furnished upon request.