Synthetic Decision Group Inc. (SynDG)

Overview for Advisory Board (Board of Advisors)

About SynDG

Synthetic Decision Group Inc. (SynDG) is a boutique science and technology incubator. The SynDG innovation team is focused and building, testing, and integrating interactive, collaborative tools to enable Civil-Military-Humanitarian Decision Support for Complex Operations. Ultimately, these tools will facilitate situational understanding among multiple entities and decisionmaking, planning, and conducting activities at strategic, operational, and tactical levels. Ultimately, SynDG's goal is the development of a synthetic decision environment (SDE), integrating geospatial information and intelligence with meta-analytical tools, sensors algorithms, and Artificial Intelligence (AI) and Machine Learning using standardized ontologies for environmental attributes to integrate planning, operations, and after-action assessment for multiple, interactive mission areas and operational environments. SynDg's initial focus is Drones (aerial, ground, maritime) and Counter-Swarming; Mission Planning and Analysis, Mass Atrocity Investigations. Current priority operational environments are Urban Operations/Urban-Littoral Operations (ULO); Ports and Urban Battlespace.

Board of Advisors

The SynDG Advisory Board provides the SynDG Board of Directors and senior management expert with strategic and technical advice in specialized areas of knowledge, technology, operations, and operational environments—such as urban areas, subterranean infrastructure, and the maritime and littoral environments. These areas include science and technology, artificial intelligence, military, intelligence, law enforcement, fire service, emergency medical services, medical care, humanitarian operations, cyber security, as well as legal and ethical norms—including the use of autonomous and semi-autonomous systems, international humanitarian, criminal, and human rights law.

Geospatial Information System (GIS) Advisory Panel

The SynDG GIS Advisory Panel is a specialty advisory panel focused on the technical aspects of geospatial information systems, geospatial intelligence (GeoINT), mapping, and spatial data integration.

Overarching Considerations

Both the Board of Advisors and GIS Advisory Panel provide insight in support of SynDG's goals and objectives. This specifically include providing subject matter expertise, advice, and mentorship to SynDG directors and senior management. Board/Panel composition is flexible and the initial term of service is three years, renewable upon consent of the corporate directors. Currently the Board/Panel are not compensated positions; however they may upon mutual agreement participate in specific projects for compensation. Members are expected to recuse themselves when their advice may constitute a conflict of interest with any other corporate or governmental entity. The Board/Panel can meet collectively, virtually or in person, or as individual entities. Members of each entity can also provide individual advice or form ad hoc groups to advise SynDG directors and senior management.