Timothy Gieseke
Metrics for Regenerative Agriculture,
Measuring Planetary Boundaries & Governance Literacy

Timothy Gieseke is an Agricultural Economist with expertise in Sustainable Agriculture, Environmental Management Systems, and Sustainability Consulting

For All Working for Peace & Sustainability
Sunday, July 21, 2 PM ET
On Zoom
Timothy Gieseke is an Agricultural Economist with expertise in Sustainable Agriculture, Environmental Management Systems, and Sustainability Consulting.

We will ask Tim about his work designing a new accounting system that includes metrics for regenerative farming and measuring planetary boundaries described in Doughnut Economics.

In 2016, he wrote *Shared Governance for Sustainable Working Landscapes* Introducing the Natural Capital Unit (NCU), a multi-functional platform unit enabling accounting, transacting, and shared governance of EcoCommerce values.

In 2019, Tim wrote *Collaborative Environmental Governance Frameworks: A Practical Guide* to present a novel governance assessment model that can describe the nearly infinite number of variations of network governance that are applied in the EcoCommerce/NCU Platform.
• Timothy Gieseke proposes the *Capital Commons*, the fourth social sector, began emerging in the 1990s in response to the increasingly complex social and economic issues – particularly the *expansion of economic externalities* that are causing much of the social and planetary harm.

• In his analysis, it was revealed that *Government, Corporate, and NGO* sectors emerged centuries apart and centuries ago in response to the socio-economic issues of their time.

• In the 1990s, the *internet created a new mode of social interaction* that manifested into a new governance style, manifesting into a new social sector.

• This social mode-governance-sector manifestation is also responsible for the emergence of the other sectors.

• This social governance theory emerged from his previous work on EcoCommerce. In 2011 he published *EcoCommerce 101*, to describe the role natural capital and ecosystem services have in macro- and micro-economics.

• In 2016, he wrote, *Shared Governance for Sustainable Working Landscapes* to introduce a *Natural Capital Unit (NCU)*; a multi-functional platform unit that enables accounting, transacting, and shared governance of *EcoCommerce* values.

• In 2019, he wrote, *Collaborative Environmental Governance Frameworks: A Practical Guide* to present a novel governance assessment model that can describe the nearly infinite number of variations of network governance that are applied in the *EcoCommerce/NCU Platform* framework.

• Timothy Gieseke appreciates the *path to our planetary solutions* is via *governance literacy* that can provide the vision needed to resolve our increasingly complex issues.
Social Modes of Interaction beget Governance Styles beget the Emerged Social Sector. All exist simultaneously, with different degrees of prominence.

<table>
<thead>
<tr>
<th>Year</th>
<th>Social Modes of Interaction</th>
<th>Governance Style</th>
<th>Emerged Social Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>6000 BP</td>
<td>Authoritarianism</td>
<td>Hierarchy</td>
<td>Government</td>
</tr>
<tr>
<td>1600</td>
<td>Individualism</td>
<td>Market</td>
<td>Corporate</td>
</tr>
<tr>
<td>1820s</td>
<td>Egalitarianism</td>
<td>Network</td>
<td>Unions Nonprofits Civil Society</td>
</tr>
<tr>
<td>1990s</td>
<td>Collective</td>
<td>Shared</td>
<td>Creative Commons Capital Commons</td>
</tr>
<tr>
<td>2050+</td>
<td>Conscious</td>
<td>Creative Collaboration</td>
<td>Common Ground Wisdom Wellness</td>
</tr>
</tbody>
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The Wisdom Group
Monthly, Third Sunday, 2 PM ET, On Zoom

Wise Self, Wise Society & Wise Nature

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