

SUSTAINABILITY COMMITTEE

2024-2025 REPORT

Committee chair: Daniella Bordon

Committee members : Ahmed Mamdouh Nouredin Abdallah, Victory Tulongeni Andreas, Juliet Aralu, Linda Battalora, Neetika Parmar Bhardwaj, Danping Cao, Ronak Dahiya, Newton Pimentel de Ulhôa Barbosa, Paulo Johann, Majid Khan, Karen Leopoldino, Yongyi Li, Analia Araújo Macedo, Zoubida Nemer, Carlos Schwarck, Peter Mark Smith, Federico Späth, Nimisha Vedanti, Yaojun Wang

Board liaison: Lillian Flakes

Staff liaisons: Scott Sutherland

EXECUTIVE SUMMARY

Since March, the SEG Sustainability Committee has renewed its membership, welcoming 20 new members from across the globe with balanced gender representation and a clear strategic direction. The committee restructured its work around three pillars—Oceans, Sustainable Development Goals (SDGs), and Liaison with Other Committees—to ensure that sustainability remains a cross-cutting theme within SEG.

Key achievements include the launch of the *SEG Sustainability Newsletter*, the Ocean Data Sharing webinar, and the development of OceanHub, a SEG-sponsored and UN Ocean Decade-endorsed initiative. The committee also integrated sustainability-focused content into IMAGE 2025, reinforcing SEG's commitment to advancing responsible and inclusive geoscience.

HIGHLIGHTS FROM THE PAST YEAR

Committee Renewal and Global Representation

The committee welcomed 20 new members from regions including China, Brazil, the United States, Saudi Arabia, and Malaysia. This renewal brought fresh perspectives and strengthened global representation. The committee also achieved a balanced gender ratio of approximately 50% women and men, demonstrating SEG's continued commitment to representative participation across its volunteer leadership.

Restructuring Around Three Strategic Pillars

The committee restructured its activities around three strategic pillars to guide its work:

1. **Oceans** - Advancing initiatives related to marine conservation and the sustainable use of ocean resources.
2. **Sustainable Development Goals (SDGs)** - Aligning SEG's activities with the UN 2030 Agenda.

3. **Liaison with Other Committees** - Promoting collaboration and integration across SEG, ensuring that sustainability remains central to all disciplines.

This new structure enables clearer coordination, stronger alignment with SEG's strategic vision, and more focused outcomes.

Communication and Knowledge Sharing

In October 2025, the committee launched the first issue of its biannual SEG Sustainability Newsletter, Sustainability, Geoscience, and Mining: SEGnal of Change. The publication highlights contributions from students and early-career professionals, encouraging participation from the next generation of geoscientists. Each edition will be led by a different committee member in collaboration with another SEG committee, emphasizing the cross-disciplinary nature of sustainability.

Events and Outreach

- The committee organized a webinar on Ocean Data Sharing, showcasing how offshore companies can collaborate with the UN Ocean Decade and contribute to open, shared marine knowledge.
- The OceanHub initiative—sponsored by SEG and endorsed as a UN Ocean Decade activity—continues to explore the intersection of geoscience and ocean conservation through research, dialogue, and education.
- During IMAGE 2025, the committee introduced sustainability programming in the Gathering Place, featuring sessions on Sound and Marine Life, India's Geoscience and the SDGs, and Industry Perspectives on Sustainability.
 - o Additionally, the committee conducted interviews with key industry leaders on sustainability challenges and opportunities. Findings from these discussions will be published in an upcoming insight article.

Looking Ahead

The committee will continue expanding its global network, strengthening collaboration across SEG committees, and delivering impactful initiatives that connect geoscience, sustainability, and society. With renewed membership, clear strategic focus, and global engagement, the SEG Sustainability Committee is well positioned to drive meaningful progress within and beyond the geoscience community.