

Conference Abstracts & Biographies

5B – Art, Societal Impact and Reinvention

Chair: Shona Paterson, University College Cork

Session Abstract:

In a world of constantly shifting biophysical and social realities, we face an ever-evolving need for new ideas about sustainable development. Art, in its many and varied forms, has the liberty and ability to generate shifts in social perceptions and behaviors in ways that science and data alone currently do not. There is an immediate need to reinvigorate linkages between the arts and sciences in order to address urgent issues of our time. Despite recognition of such a need, truly integrated, co-designed, and co-produced collaborations between art and science disciplines are rare and underfunded.

This session is designed to move the conversation beyond a ‘service mentality’ of separate product delivery into the development of fully collaborative projects, from issue identification through instigation, execution, and legacy of developed outcomes.

Using coasts and oceans as thresholds, indicators and protagonists, this session will combine presentations of both artistic and scientific merit and facilitated discussion groups. The session will demonstrate the power and synergies between art and science, and further the evolution of a model for collaboration by identifying challenges to integration. We take advantage of the aspirational and collective nature of the sustainable development goals and the UN Agenda 2030 to inspire meaningful and impactful collaborations around coastal and ocean spaces

The session aims to engage both artists and scientists in a facilitated knowledge exchange designed to generate collaborative pathways for action. By discussing past and current projects, as well as future aspirations, the session conveners and audience will outline opportunities and challenges with art-science integration throughout project instigation, execution, and sustainability phases. Using an ongoing project as an example, the conveners will present work created in the media of glass fusion, photogrammetry, and orphaned spaces, designed specifically to deliver Sustainable Development Goal awareness and resonance with multiple audiences.

Keywords: Coasts and Oceans, Sustainability, Art and Science Integration

Papers:

The Possibilities of Aspiration: Realising the Sustainable Development Goals

Shona Paterson, Martin Le Tissier and Hester Whyte, University College Cork, Ireland

Conceptualizing the Ocean

Lisa Beth Robinson, East Carolina University, USA

Kristin Thielking, University of Wisconsin, USA

Exploring Synergies and Integration: A New Model for Impact

Mrill Ingram, University of Arizona, USA