

THE INTERNATIONAL GEODESIGN COLLABORATION



The world faces challenges that ignore national and regional boundaries and cannot be solved by any single individual, nation or science. Preparing for the outcomes of population growth and rising global temperature requires multi-disciplinary approaches and collaboration among all stakeholders.

Geodesign (design at geographic scale) provides a collaborative approach which seeks to integrate multiple disciplines and uses geographical information systems (GIS)-based analytic and design tools to help explore alternative future scenarios in response to stated problems. Where conventional discipline-based approaches have not adequately addressed the transdisciplinary problems we face, Geodesign offers a holistic and innovative approach that can identify successful solutions to these complex challenges.

The challenge we face is: How do we organize ourselves globally to address the climate and population challenges that threaten us all? In 2018-19, The International Geodesign Collaboration (IGC) was formed. To date, 150 global university teams have participated, using geodesign to create scenario-driven designs for regional and local-scale study areas which address future global changes. The structure and strategy of the IGC is fully described at <https://www.igc-geodesign.org/>

The complete geodesign study-presentations from the IGC 2019-20 meeting are available copyright-free at <https://www.igc-geodesign.org/2019-20-projects>. Note the assessments of the scenario-based alternatives according to the U N Sustainable Development Goals (SDGs).



To expand on this work the International Geodesign Collaboration invites universities, NGOs and other foundations around the world to join us in seeking large, long-term, multi-system, and multi-client solutions for regional and local human and ecological systems in the face of these global changes. By sharing the IGC's scenarios and common procedural and reporting formats we facilitate unprecedented cross-disciplinary, cross-climate and cross-cultural comparison and potential integration.

Your geodesign team and project can join us by registering at <https://www.igc-geodesign.org/joining-igc>

Thank you for considering this.

A handwritten signature in black ink, appearing to read "Carl Steinitz".

A handwritten signature in blue ink, appearing to read "Brian Orland".

Carl Steinitz and Brian Orland for the core group