

The Stockholm Seminars

- focusing on the dynamics and stewardship of social-ecological systems

Bottlenecks, showstoppers and train-wrecks: How can we manage the seas and estuaries?

Prof. Mike Elliot

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Room 312, Stockholm Resilience Centre, Kräftriket 2B, Stockholm

There is only one big idea in marine management: how to maintain and protect ecological structure and functioning while at the same time allowing the system to produce ecosystem services from which we derive societal benefits.

This talk discusses our ability to achieve a holistic management planning framework for estuaries and seas using a multi-manager sectoral framework. Based on a typology of risk and hazard covering both Exogenic Unmanaged Pressures and Endogenic Managed Pressures, it illustrates the 10-tenets of sustainable and successful marine management within the complex European marine governance framework and the socio-ecological system. More importantly, it discusses the minor, moderate and major impediments to achieving that big idea.

About Mike Elliott

Professor Mike Elliot is the Director of the Institute of Estuarine & Coastal Studies and Professor of Estuarine and Coastal Sciences at the University of Hull.

His work includes studies on most ecological components as well as policy, governance and management. He focuses on the interactions between these aspects, usually in relation to human activities and on the way in which natural and anthropogenic environmental change influences ecosystems. Professor Elliot has produced more than 190 scientific publications and has co-authored or edited 13 books and conference proceedings on estuarine and marine issues.

He is a past-President of the international Estuarine & Coastal Sciences Association (ECSA) and has been/is a chair and/or member of many advisory and review panels for teaching and research worldwide and is a member of the editorial boards of several international scientific journals as well as an Editor-in-Chief of Estuarine, Coastal & Shelf Science.