



Hamilton Institute

Spatial mapping of the Earth beneath the ocean
- systems of a different kind

**Dr. Peter Simpkin, IKB Technologies,
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The idea of treating our planet as a system was first mentioned by Renaissance scientists as they looked for new models with which to describe the universe. This process continued through the centuries, until the book 'Gaia: A New Look at Life on Earth' by James Lovelock, introduced the public at large to the shocking fact that Earth was a limited resource with bio-systems that reacted to inputs from mankind – often in unattractive ways.

No group of researchers is more aware of the limited and special nature of the planet than marine biologists and geophysicists. They have known this for many decades and through marine biology and geology have traced the gradual impact of mankind. This talk will give an overview of this area taking the view of a marine geophysicist and instrumentation specialist who over a forty year career has designed, built and applied marine survey equipment. Drawing on experiences in most of our seas and oceans, but most notably of the Eastern Seaboard of North America, Dr Simpkin will describe the problems and successes of spatial mapping the Earth's oceans.

Venue: Seminar Room, Hamilton Institute, Rye Hall, NUI Maynooth

Time: 2.00 - 3.00pm (followed by tea/coffee)

Travel directions are available at www.hamilton.ie

