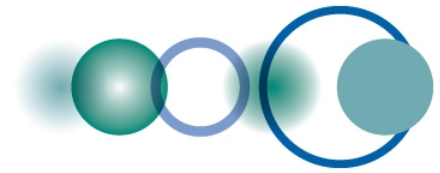


STC Roadmap

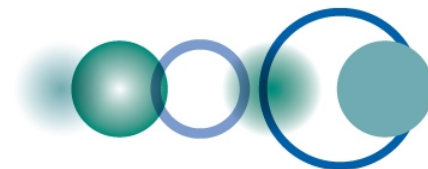
Prof Stuart Marsh – Co-Chair, STC
1st Workshop of the GEO GHCP
Paris 18-21 January 2010



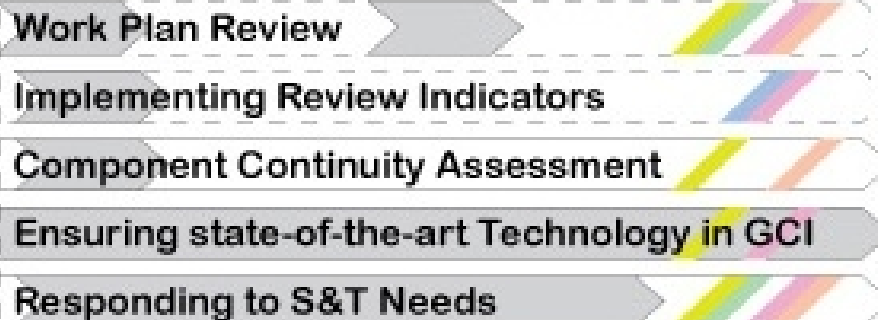


STC Strategic Target

- **Relevant S&T communities are fully engaged in implementing GEOSS**
- **State-of-the-art technology and the latest Earth Science knowledge are continuously applied in the GEOSS' development and operation**



Actively
engage S&T
communities
to:



Enable decisions on
sound S&T advice
through the solicitation
of input from a broad
S&T community

Ensure S&T integrity
and soundness of GEO
Work Plans

Promote GEO
in the S&T
communities:



Monitor and Review
output and deliver-
ables of GEO Work
Plan

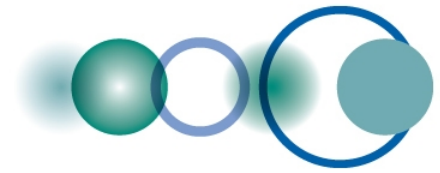
Help identify experts
and groups to partici-
pate in GEO working
groups

STC monitors
progress:



Linkages and partner-
ships with major
research programmes
and organizations
willing to contribute

2009 2010 2011 2012 2013 2014 2015



Range of Communities in the Disasters SBA

**Volcanoes,
*Volcanic ash and
aerosols***

Tropical cyclones

Sea and lake ice

Extreme weather

Earthquakes

Wild fires

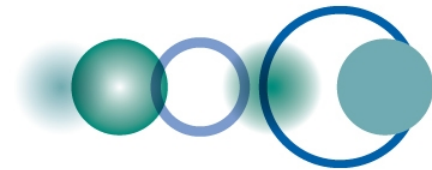
**Coastal hazards and
*Tsunamis***

**Landslides and
subsidence**

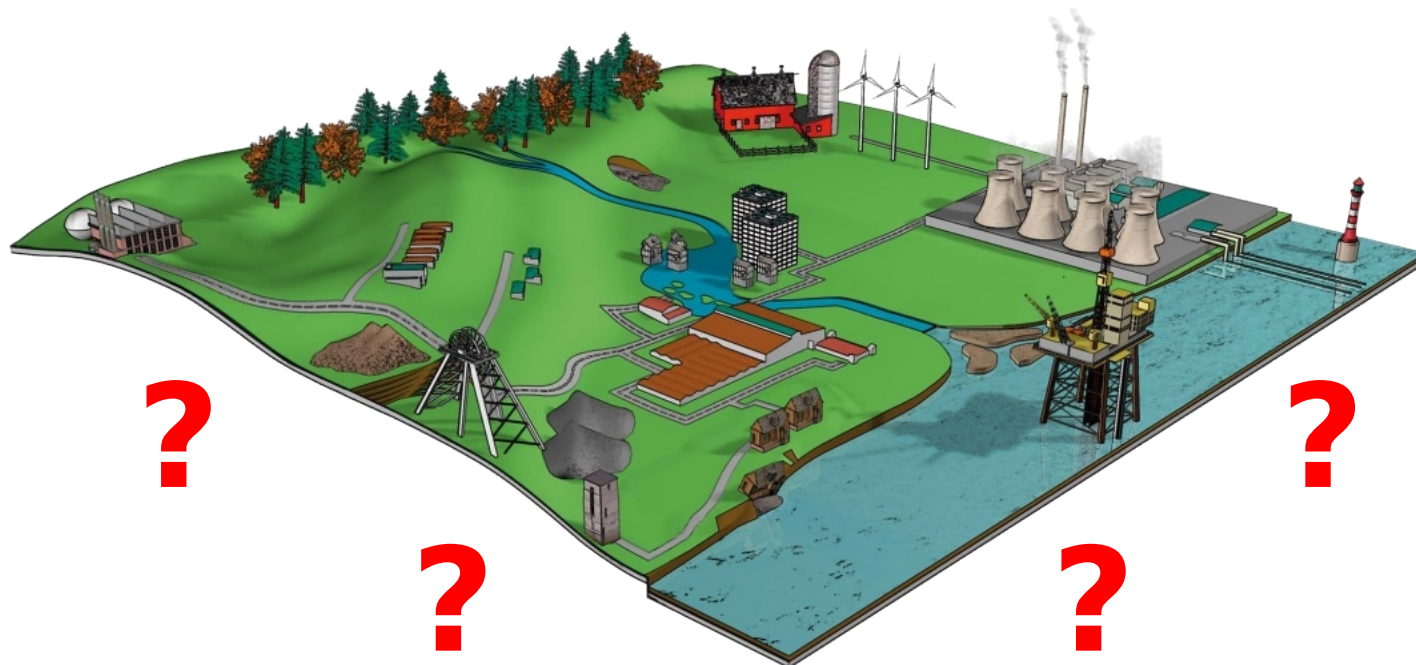
Floods

Pollution events

Elsewhere: disease, drought, algal blooms and invasive species



Earth System Science... and GEO into 3rd Dimension



Thank you!

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