



MAREMAP: Marine Environmental Mapping UK

Launched in 2010 and supported by NERC, MAREMAP succeeded in bringing together the UK seabed mapping community in terms of our shared experience and as a forum to develop new techniques and collaborate on projects. The MAREMAP partnership continues to work together today but the research landscape within which MAREMAP operates has changed. Here we propose a new incarnation of our network – one that is more responsive to UK stakeholder needs.

We propose therefore, to revitalise the MAREMAP partnership as a ‘marine environmental mapping network’ for the UK, with the aim to bring together organisations involved in marine environmental science and spatial mapping, in order to share ideas and undertake collaborative pilot projects. We initially suggest using a workshop, publication and working group approach. A slight renaming of the partnership is suggested to MAREMAP: ‘**MAR**ine Environmental **MAP**ping UK’, dropping the ‘programme’ but adding ‘UK’ to show where the community is based more clearly (see the new logo) in the header to this document. However, MAREMAP will be presented also as a UK-based launch-pad for international application. It is hoped this refreshed MAREMAP network will include increased involvement from universities and even industry.

MASTS Workshop Friday 6th October, 2017

Session 1: *What is MAREMAP* (Keith Westhead & John Howe)

1300-1315 hrs – Welcome and introductions, overview of the afternoon

1315-1340 hrs MAREMAP Overview: the story so far and future aims

Session 2: *Showcase Talks*

1340-1355 hrs Shallow-water seabed mapping from an AUV (John Howe, SAMS)

1355-1410 hrs Palaeo-landscape mapping (Dave Tappin, BGS)

1410-1425 hrs Using AUVs to map the fjordic habitats of the Chilean Patagonia (Karen Boswarva, SAMS)

Tea/Coffee

1440-1455 hrs Semi-automated mapping toolbox for seabed feature identification (Joana Gafeira, BGS)

1455-1510 hrs The Mingulay cold-water coral reef complex: how a map tells a hundred stories (Murray Roberts, University of Edinburgh)

Session 3: 1510-1600: Plenary discussion, including around some key issues:

- 1: Advantages of a networked mapping community
- 2: New/emerging technologies for mapping
- 3: Outputs for UK mapping

1600: Close