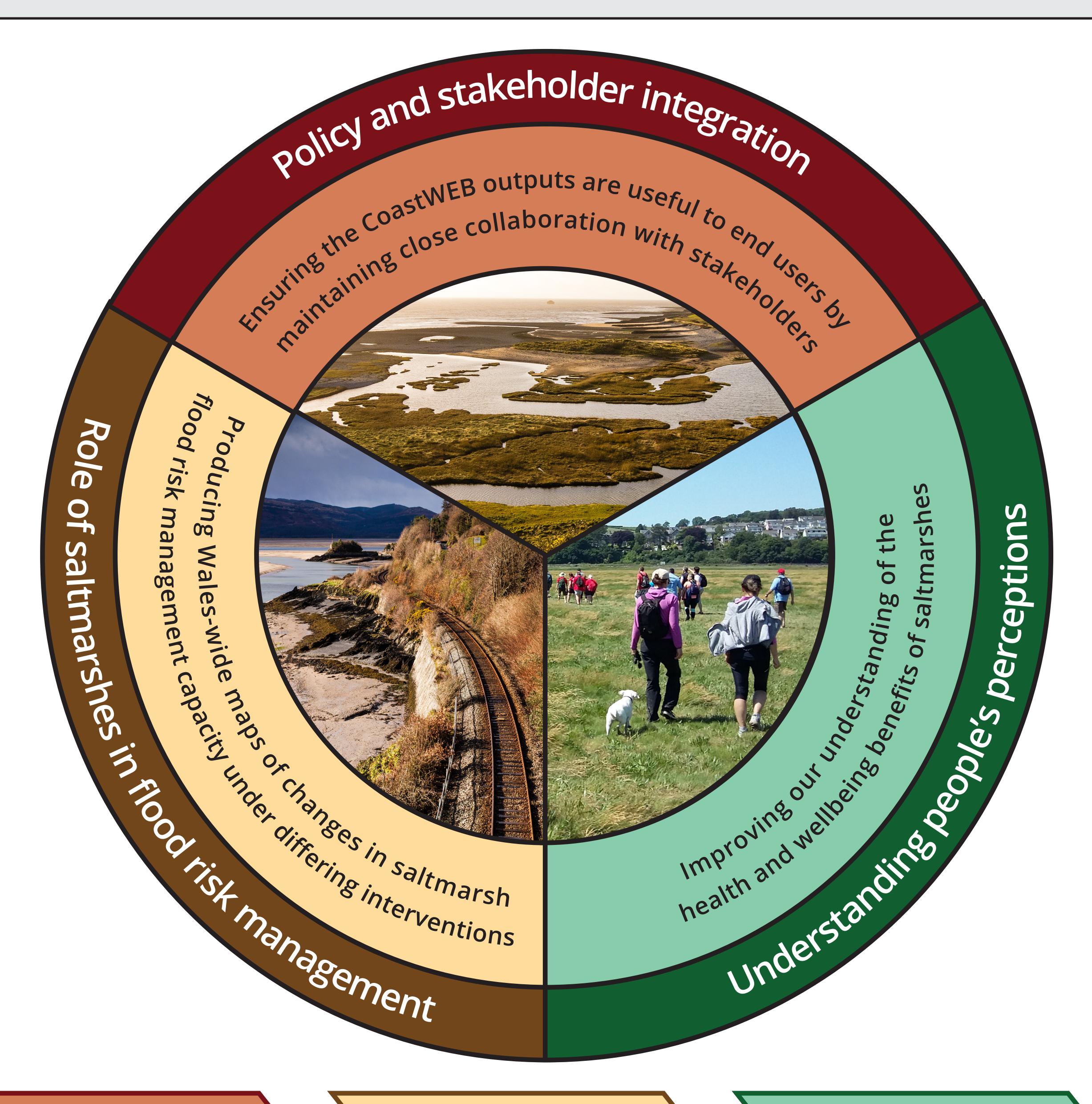


Valuing the contribution which Coasts make to human health and WEllBeing



CoastWEB studies the flood risk management capacity of saltmarshes using a truly interdisciplinary approach including environmental science, environmental economics, environmental and social psychology, art, policy and governance.



CoastWEB begins by defining a set of "real world" future management interventions for Welsh saltmarshes.

These will focus on flood risk management and will be set within a broader national policy context.

The impact of these future interventions on saltmarsh flood risk management capacity will be explored using natural science and modelling techniques, improving our understanding of the ecosystem attributes which influence this capacity.

The impact on other saltmarsh ecosystem services (or natural benefits) will also be investigated.

Linkages between differing flood risk management interventions and changes in human health and wellbeing will then be studied, at both a local community and national scale.

Local wellbeing impacts will be explored using qualitative dialogue based techniques, national scale impacts will be explored through quantitative (monetary and nonmonetary) survey techniques.

The project will work at the local scale in two case studies which we view as communities representing/sharing the experience of other communities across the Welsh coastline when it comes to future decisions on shoreline management. Whilst we will be in a position to feedback the various opinions and perspectives of local communities to those in a position to act on this, we will not be directly informing policy or practice and this will be made explicit to local communities. Thus, the purpose of this research is to make neutral recommendations for Wales in its entirety.

Funded by:













Prifysgol Abertawe









Dr Nicky Beaumont Plymouth Marine Laboratory Tel: +44 (0)1752 633100 Email: nijb@pml.ac.uk http://valuing-nature.net/coastweb

