

Environmental Management Team

Introduction

The Environmental Management Research Team is a part of the Aquaculture Systems Theme within the Institute of Aquaculture. There are five main areas of research:

- *Carrying capacity for aquaculture*
- *Ecotoxicological assessment of aquaculture chemicals*
- *Environmental resources modelling*
- *Marine spatial planning*
- *Spatial modelling for aquaculture site suitability*

The team presently are involved the following projects:

- **EU H2020 TAPAS** (*Tools for Assessment and Planning for Aquaculture Sustainability*) – overall project coordinator
- **EU H2020 Climefish** (*Effects of climate change on aquaculture and fisheries*) – partner
- **Ostrinova** (*Sustainable Mediterranean shellfish culture*) – partner
- **Salmotrip+** (*Triploid salmon in Scotland*) - partner

The Team



Trevor Telfer
Carrying capacity and environmental impact assessment



Mike Leaver
Molecular ecotoxicology and biomarkers.....



Bruce McAdam
Environmental modelling and fisheries management



Lynne Falconer
Marine spatial planning and aquaculture site selection.



Ainars Blaudums
Project Administrator



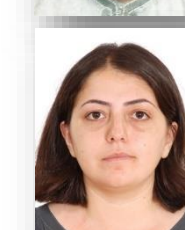
Akpo Ekpeki
Freshwater modelling



Anastasios Baltadakis
Marine modelling



Isah Lawal
Ecotox biomarkers



Joly Ghanawi
Fish population modelling



Steven Prescott
Life Cycle Assessment

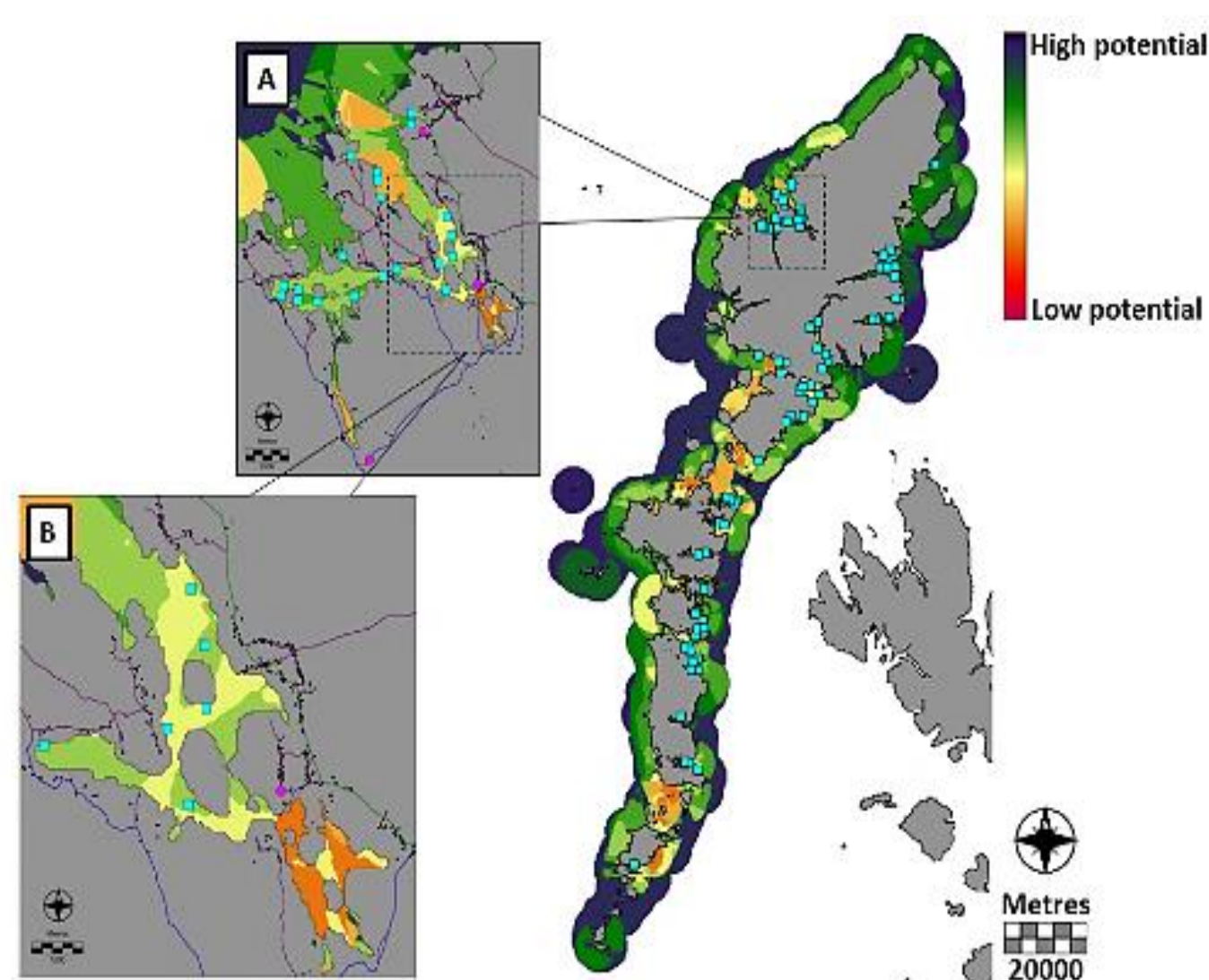
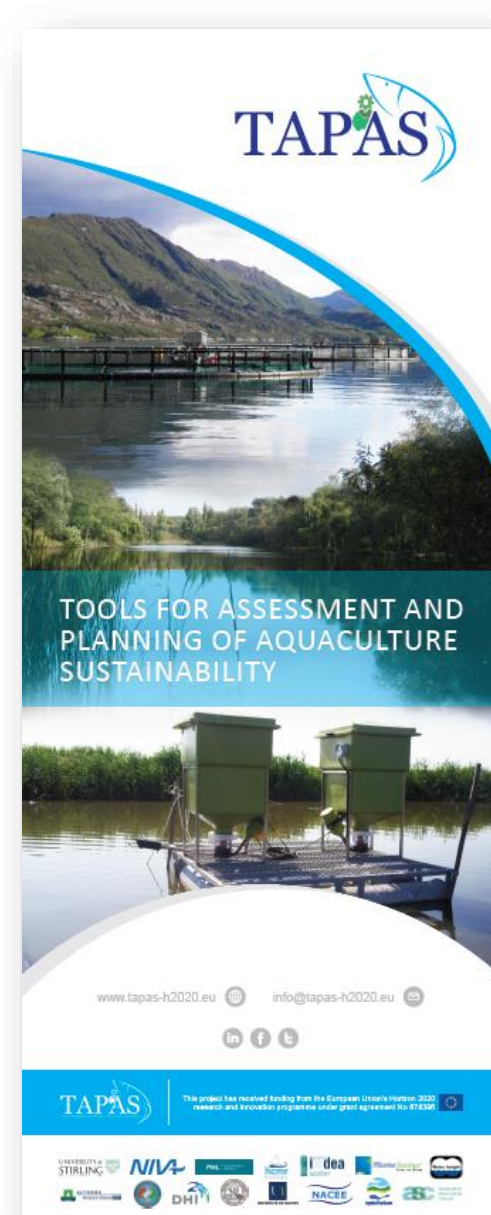


Tai Mai
Impacts of SE Asian cage aquaculture



Reece Wartenberg
IMTA systems – at CUHK

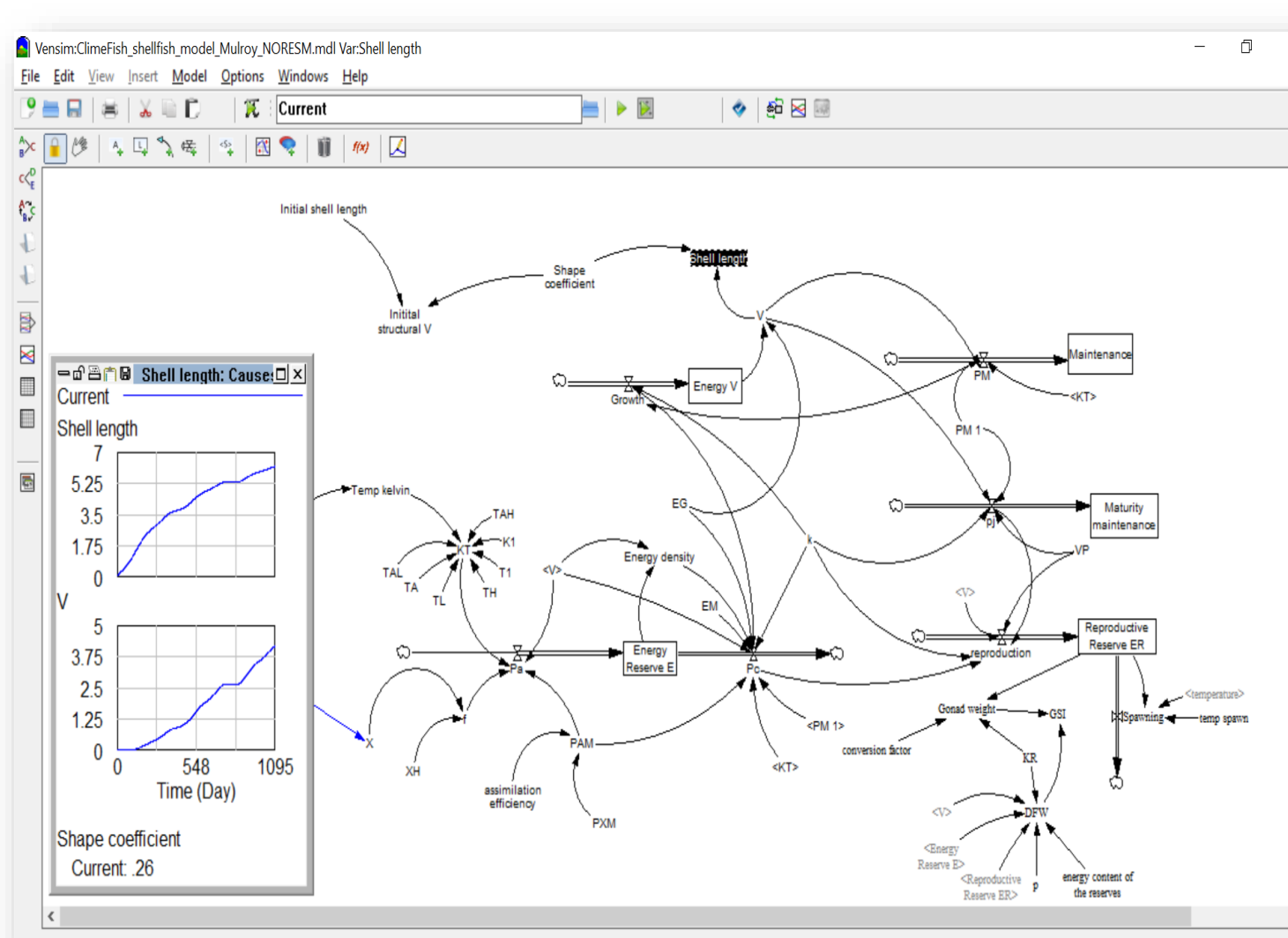
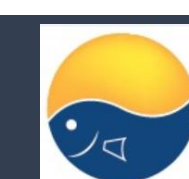
e.g. EU H2020 TAPAS



A four year, €7 million EU Horizon 2020 project (March 2016 to Feb 2020) involving 15 partners, aims to consolidate the environmental sustainability of European aquaculture by developing tools, approaches and frameworks.

These will support EU Member States in establishing a coherent and efficient regulatory framework, implementing the Strategic Guidelines for the sustainable development of European aquaculture and delivering a technology and decision framework for sustainable growth into the future.

e.g. EU H2020 ClimeFish



The aim of ClimeFish is to support sustainable fisheries, enable an increase in European aquaculture production, facilitate employment and regional development through effective forecasting and development of management tools for adapting to climate change.

The consortium includes 17 RTD organisations, 1 SME and 3 International organisations from 16 countries, and key international organisations: ICES, FEAP and FAO.