

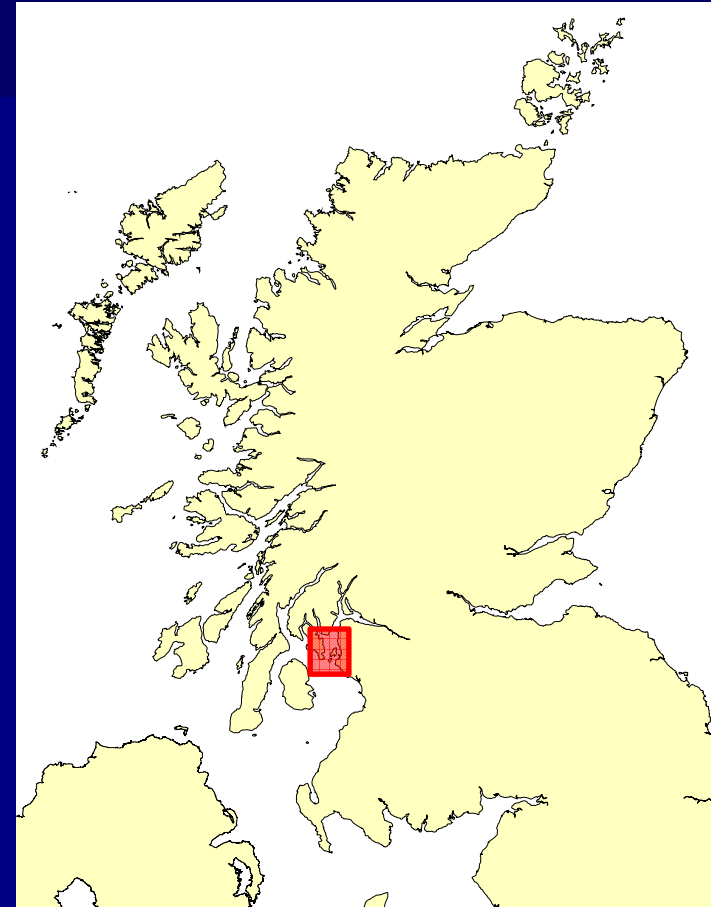
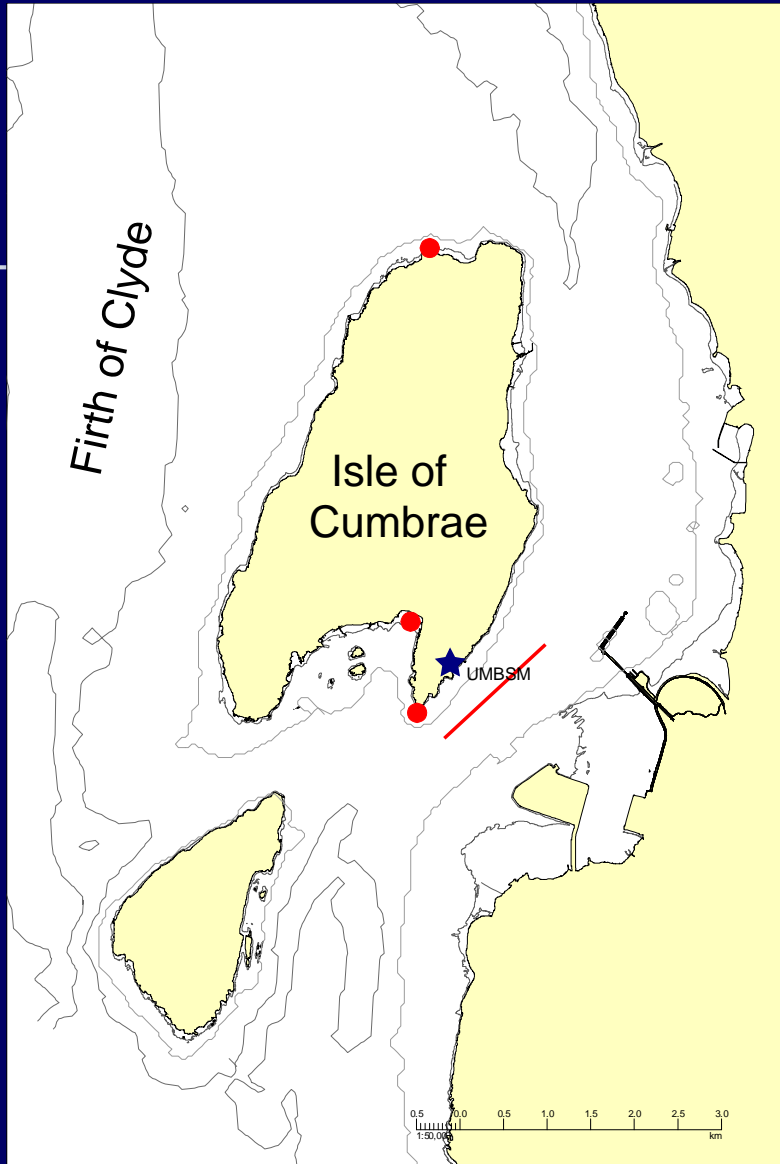
Description, Prioritization and Archiving of Datasets

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Project Background

- UMBSM is recognized as a National Facility for marine biology fieldwork
- Datasets held on a variety of topics, habitats and species
- Ayrshire Joint Planning Unit (AJPU)
 - Biological Record Centre
 - Preliminary investigation of UMBSM datasets (EC studies and commissioned reports)
- What does the project involve?
 - Funded by MEDIN and the North Ayrshire Council



Project Deliverables

- Update metadata from preliminary investigation
- Develop criteria for assessing the potential usefulness of UMBSM datasets
- Identify appropriate marine datasets held by UMBSM
- Create metadata of UMBSM datasets (MEDIN)
- Transfer datasets to DACs (DASSH)



UMBSM Datasets

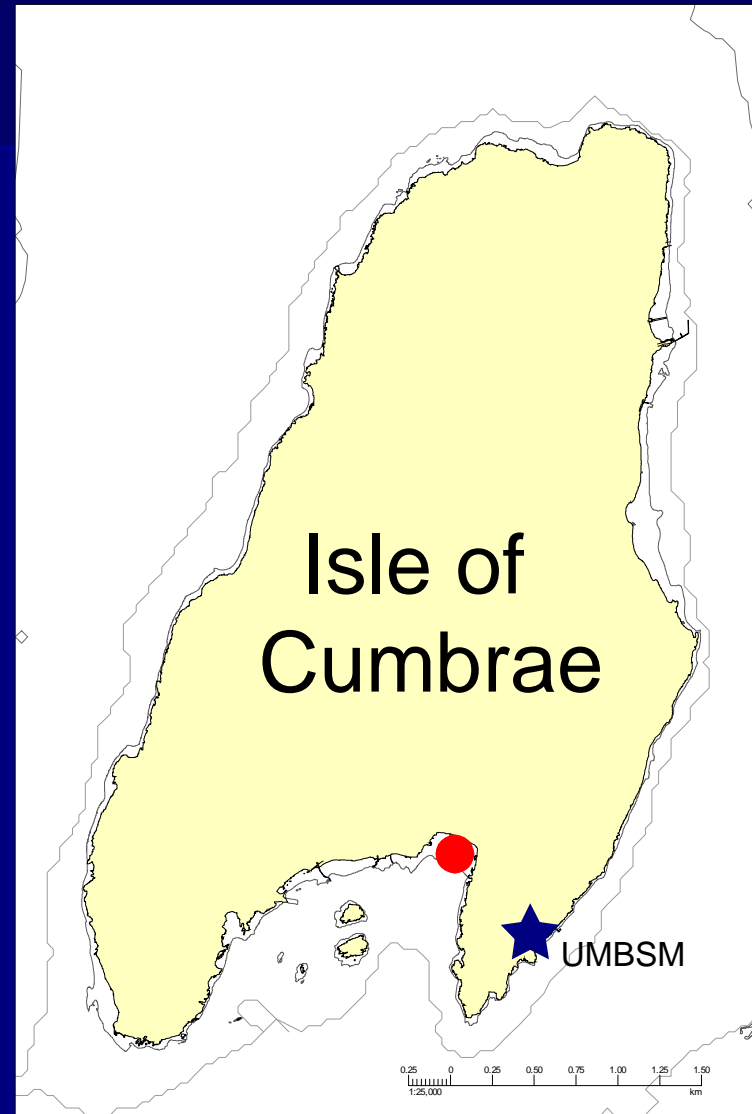
- Three appropriate datasets have so far been identified within UMBSM holdings
- Long term datasets
- Collected during UMBSM field courses
- Quality assured
 - Academic member of staff
 - WoRMS



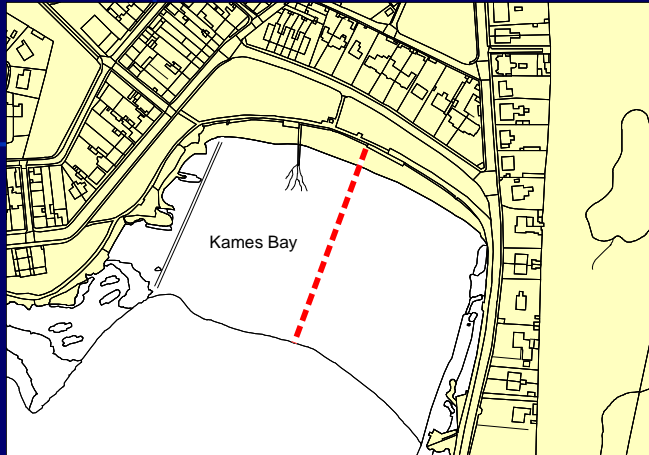
Sandy Shore Surveys (Kames Bay, 2003–2011)

- SSSI
- Quantitative biological data and information on associated physical variables
- Paper records date back to 1988

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Sandy Shore

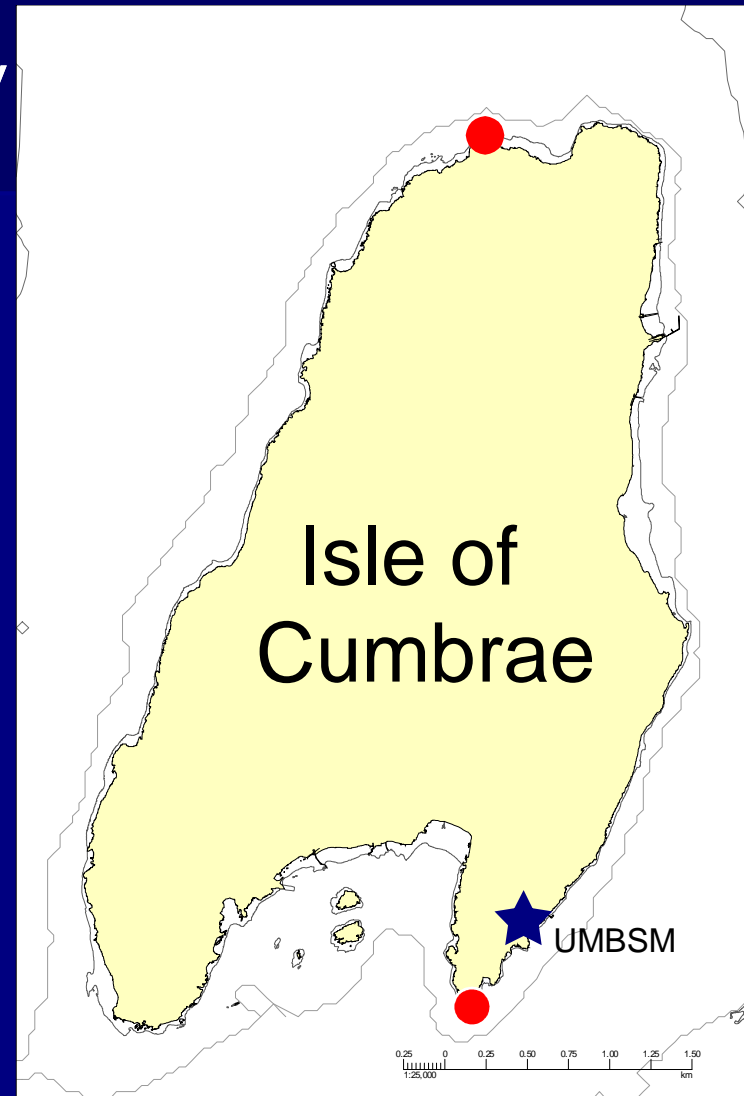


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Rocky Shore Surveys Farland Point and White Bay (1998–2011)

- Comparison of shores
- Semi-quantitative abundance (SACFOR)
- Qualitative species data



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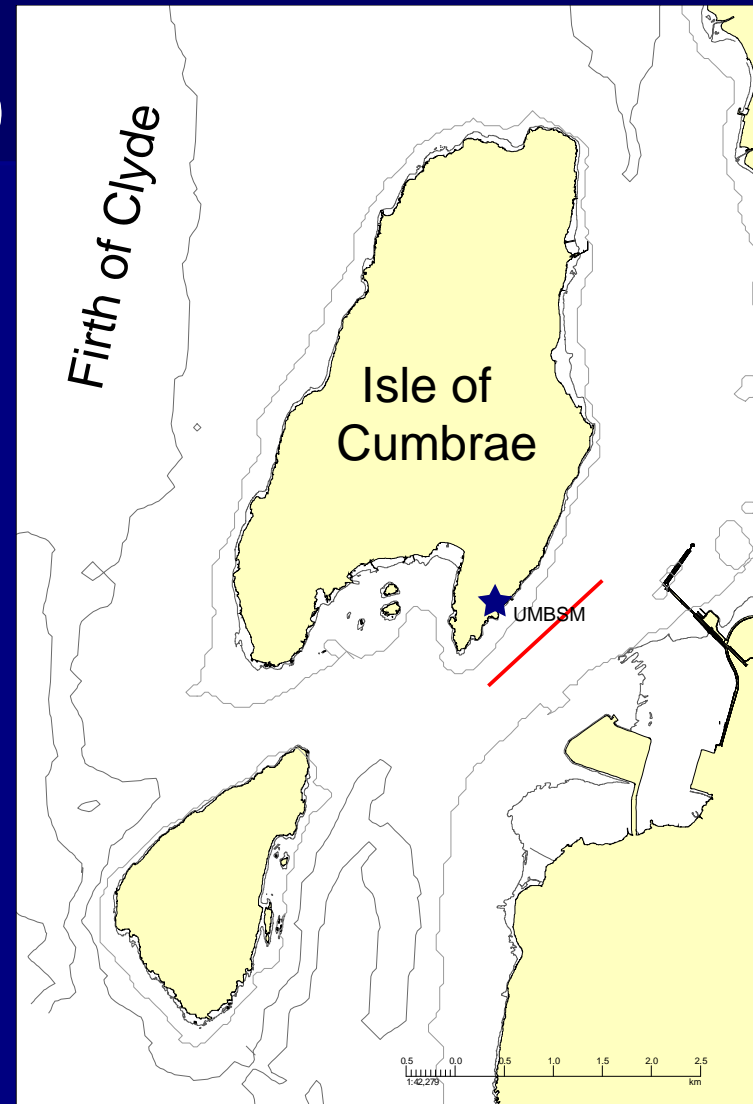


Rocky Shore



Beam Trawl Surveys Fairlie Channel (1999–2009)

- Assesses the presence/absence of benthic species
- UMBSM Research Vessel



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Progress of UMBSM Deliverables

- Preliminary study metadata records updated
- Three long term datasets identified as suitable for archiving
- Metadata transferred to MEDIN (via portal)
- Data prepared for archiving (DASSH)

And in addition...

- Survey recording forms developed



Conclusion

- Project is going well
- Other potential datasets have been identified
 - Microbiology/Sidescan/Video
- Survey forms soon to be piloted
 - UMBSM courses
- We hope to integrate the process of archiving into current and future education and research



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