

Mapping the lived environment

Participatory GIS for landscape and seascape

The use of pGIS in the Shetland Islands Marine Spatial Plan and Coastal Character Assessment



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NAFC Marine Centre & The Gemini
Charlotte Slater



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NAFC Marine Centre

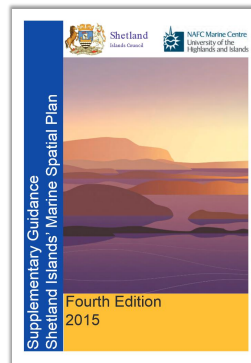
- Part of the UHI network
- Variety of projects
- Stakeholder engagement

Shetland Islands' Marine Spatial Plan

Formal Recreation



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Shetland Islands' Marine Spatial Plan (SIMSP),
NAFC Marine Centre



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Shetland Islands' Marine Spatial Plan

- In its fourth edition
- Supplementary Guidance
- Regional Marine Partnership



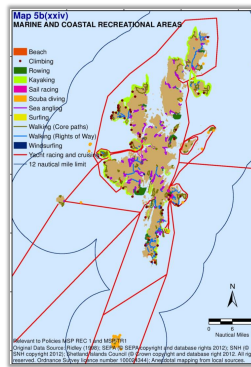
Shetland Canoe Club
Rachel Shucksmith



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How the information was gathered

- Questionnaires sent to clubs
- Shetland Islands' Council
- Official race routes



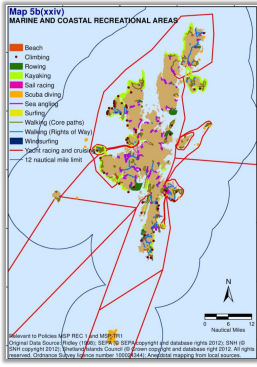
Pg 117, SIMSP
NAFC Marine Centre



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Final Result

- 100% response rate
- Survey kept short
- Information is updated



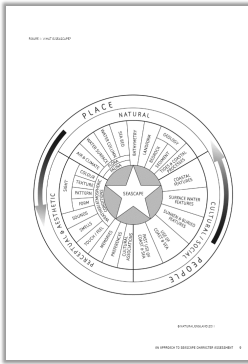
Pg 117, SIMSP
NAFC Marine Centre

Questions for you

- Is it a complete picture?
- Is there information that should be included/excluded?
- Can you see where this approach would be beneficial to your own work?

Shetland Coastal Character Assessment

Informal Recreation



An approach to seascape character assessment,
Natural England 2011

Coastal/ Seascape Character Assessment

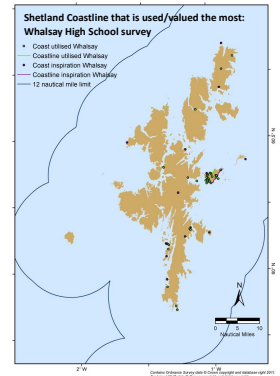
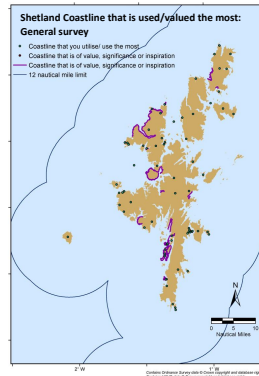
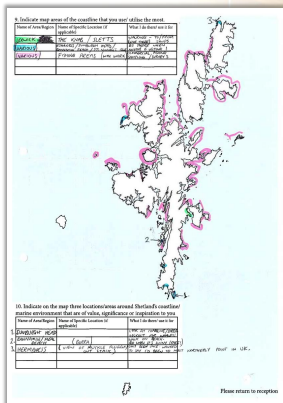
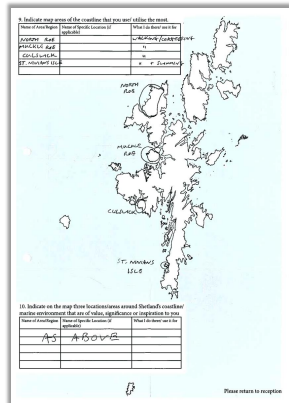
- New Assessment Method
- Closely related to LCAs (Landscape Character Assessments)
- Some guidance from Natural England, SNH guidance to be published shortly

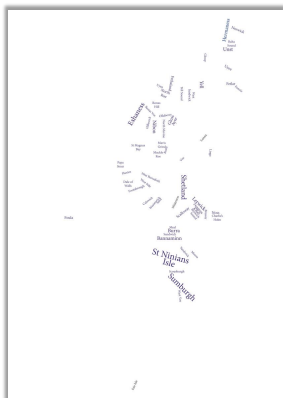


Photo courtesy of the 60°N Boardriders Club

What do you appreciate about the Shetland coastline?

- Limited response
- Good indication of groups thoughts
- Is it more important to ask Where?





The Swan sailing around Papa Stour
Charlotte Slater

What can it be used for?

- Marine planning policies
- Access routes
- Promoting outdoor recreation
- Safeguarding informal recreation



Art exhibition, Centre of History conference
Charlotte Slater

Successful ways to gather pGIS

- Use local events/ press
- Choose medium and times to suit target audience
- Tailor questions
- Keep it short and sweet

What are the Strengths and Weaknesses of pGIS?

Thank you,
Any Questions?

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