

# CxC Annual Meeting 2014

## Peatlands

### WISE Peatland Choices & Calldowns

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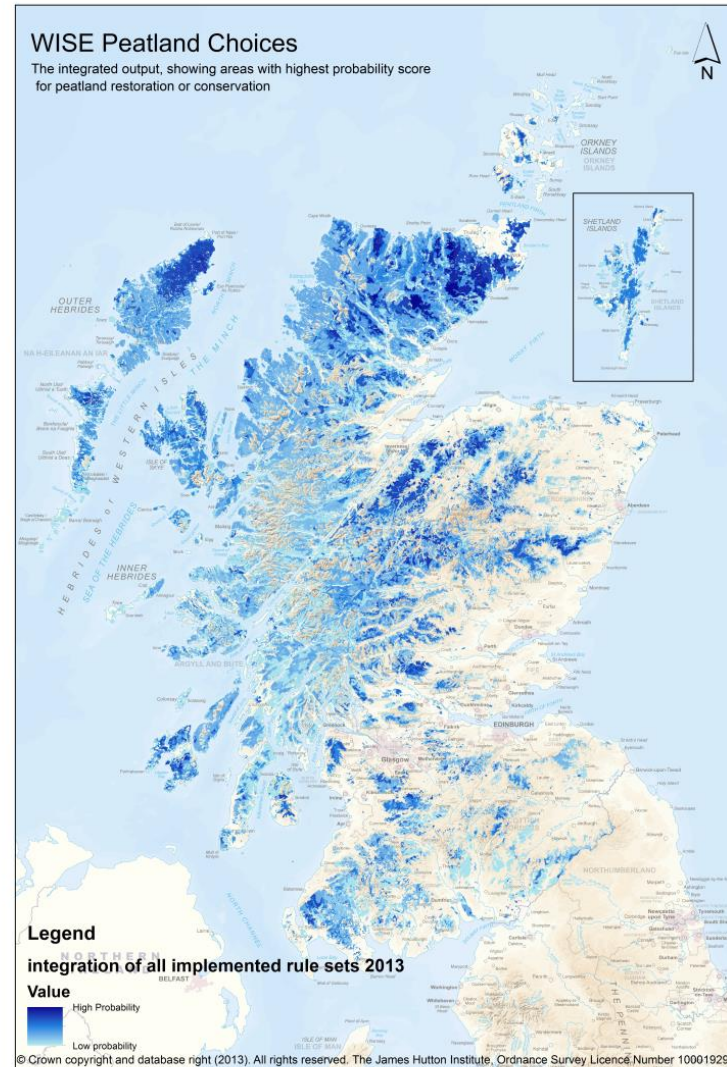
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# Peatlands work covers 2 areas

- WISE Peatland Choices – a decision support tool for restoration and peatland management
  
- Calldown requests

# Where we were January 2014

- First draft of WISE Peatland Choices completed December 2013
- First report February 2014 and subsequent stakeholder workshop at SNH Inverness





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# 2014-2015 progress

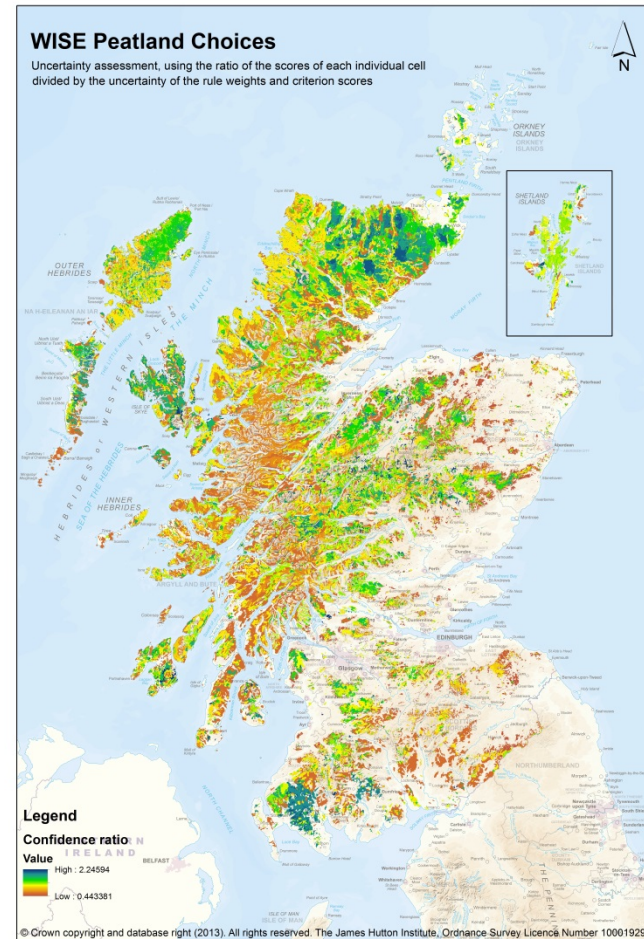
- **Uncertainty analyses**
- Fragmentation of habitat
- **Site condition modelling across Scotland**
- Hydrological condition
- Payments for restoration (private and SRDP)
- **GHG emissions from peatlands pre- and post restoration**

# Uncertainty into WISE



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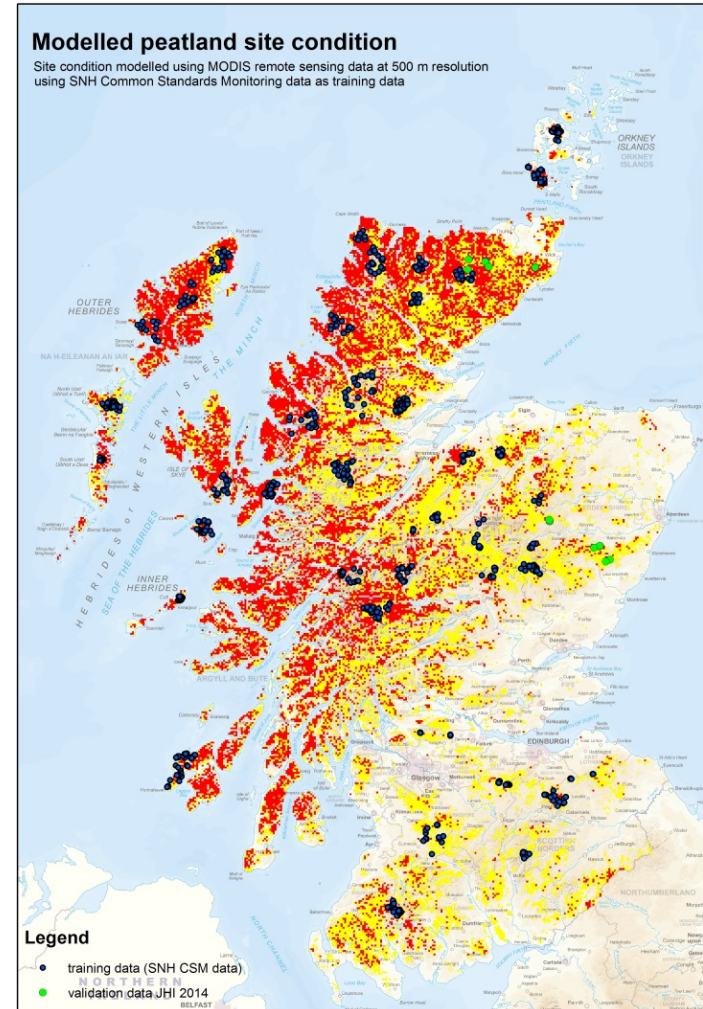
- For technical details see updated booklet
- Simple calculation of the most likely multiplying sources of error
- Shows highest uncertainty in the west and areas of scattered, smaller peatlands





# Site condition modelling (draft)

- Uses 500 m resolution time series (weekly since 2000) MODIS remote sensing data
- Model built using SNH's site condition monitoring dataset (individual point data, not site!)
- Being validated by independent field surveys at present



# GHG Emissions from peatlands

- Submitted co-authored paper (Environmental Economics) on calculations of GHG emissions from peatlands undergoing restoration, based on previous CxC calldown work and an MSc student collaboration
  
- Produced 1 completed (June, Part A) and 1 draft calldown policy briefing (due mid September, Part B) on the implementation of the 2013 IPCC Wetlands Supplement and the 2013 Kyoto Supplement to Scottish Government



**Thank you!**