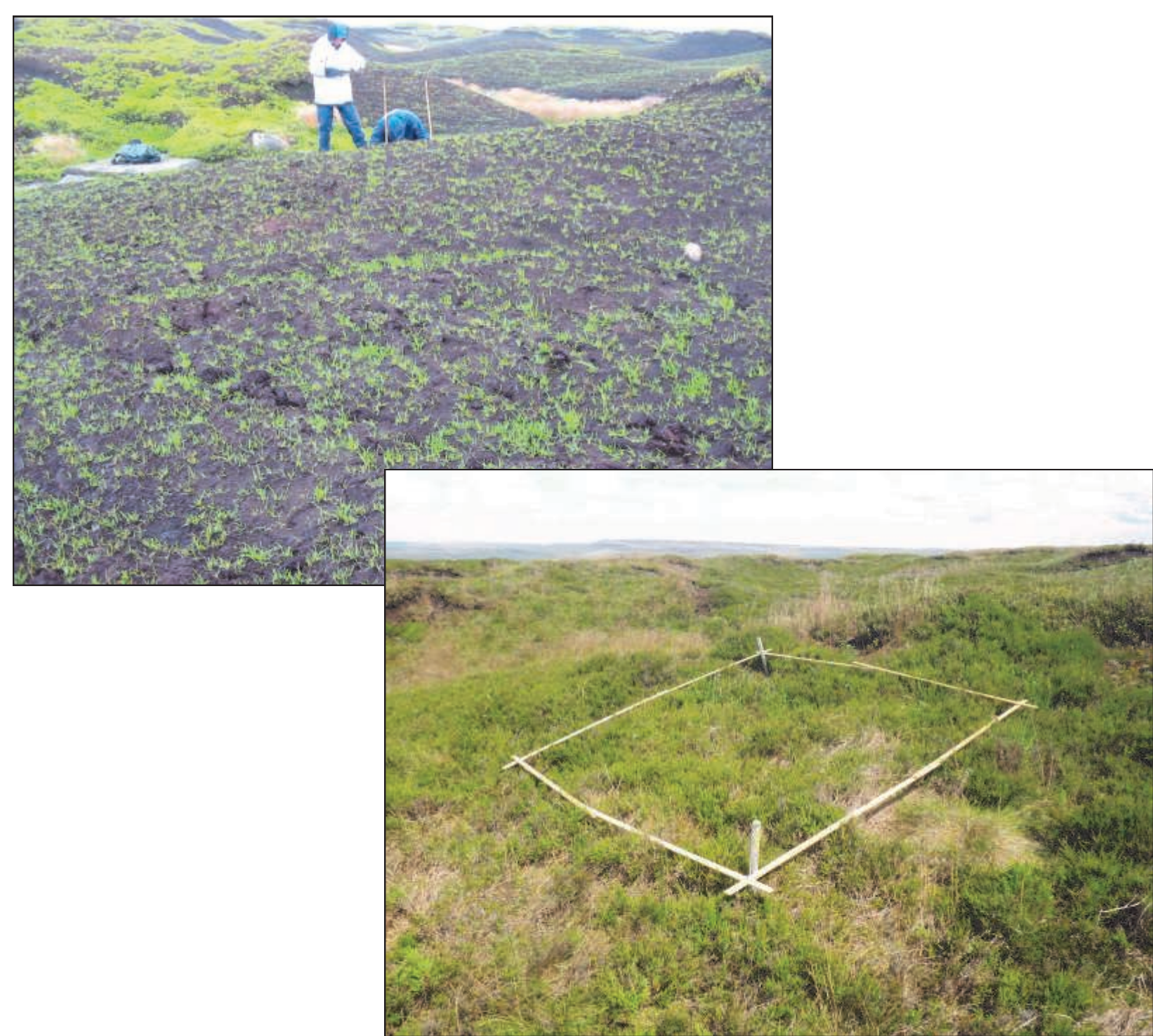




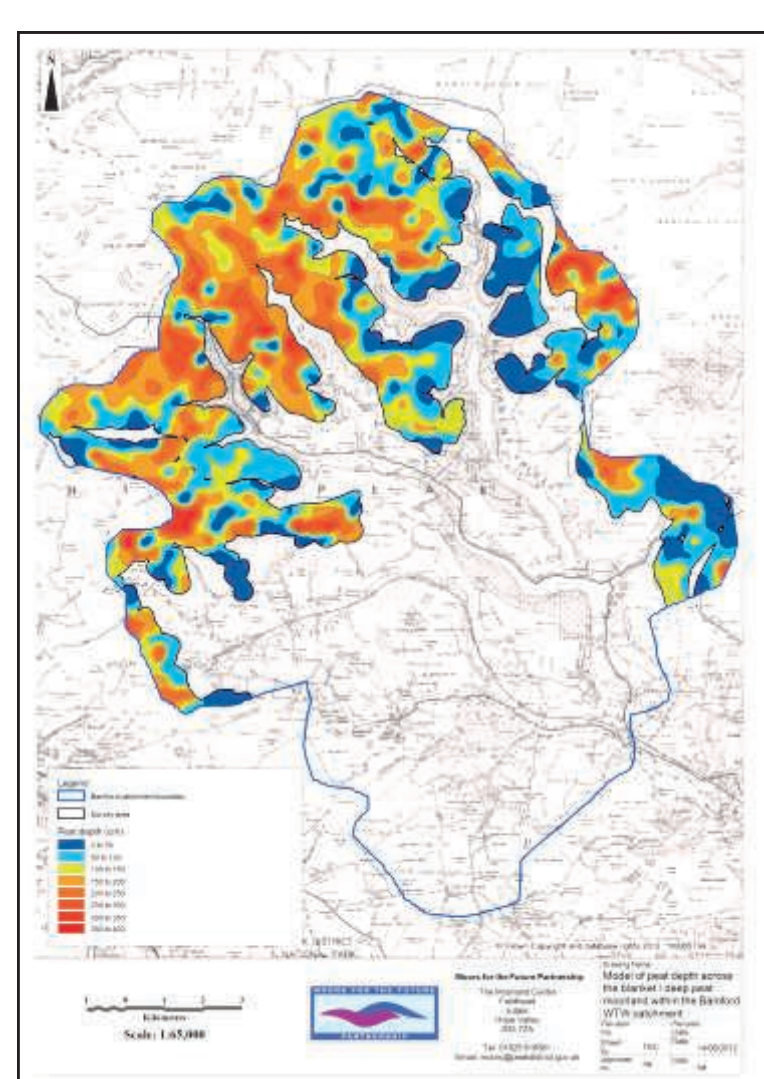
# Moors for the Future: Ten years of restoration monitoring

Rachael Maskill

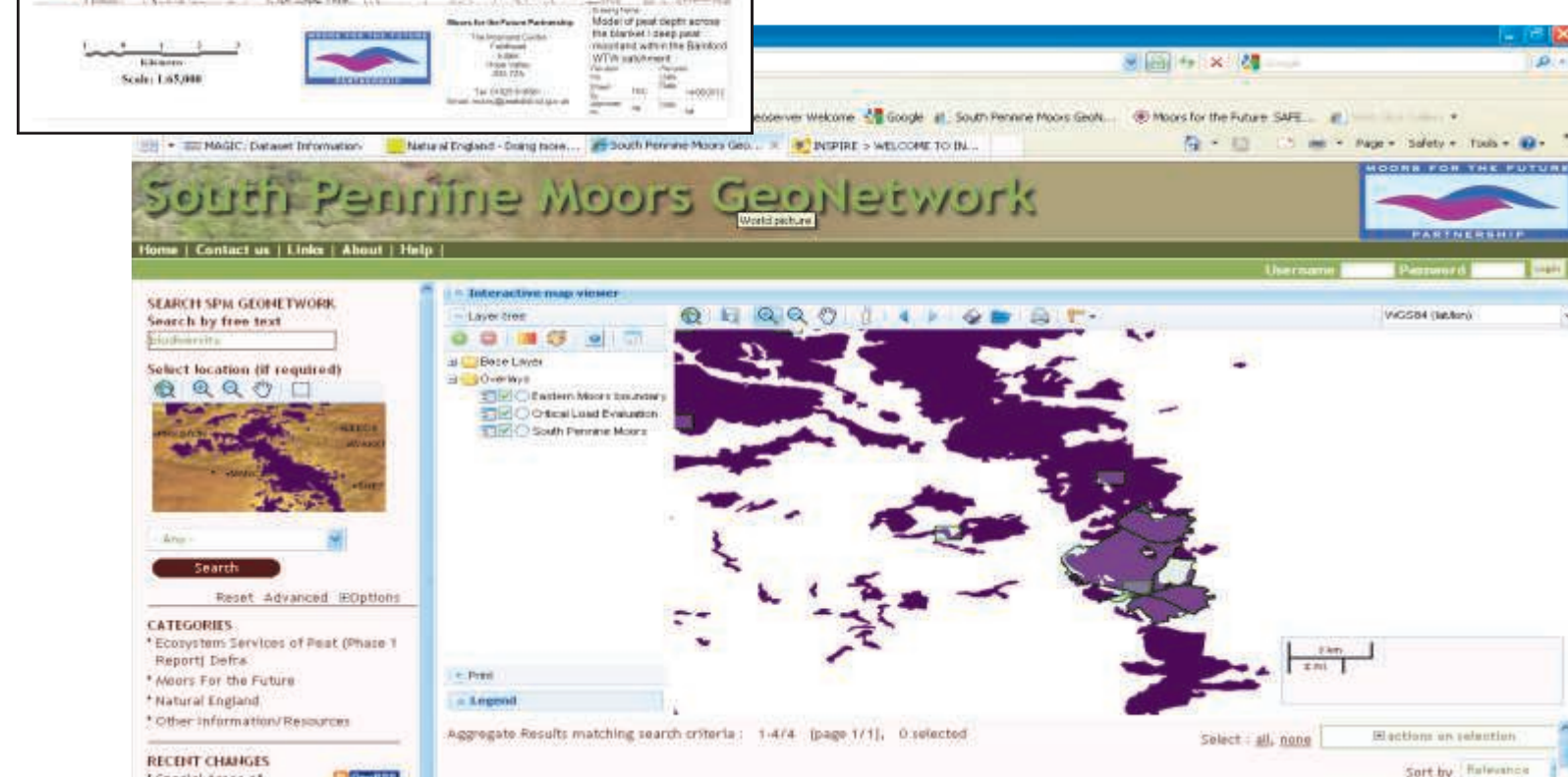
The Moors for the Future (MFTF) Partnership works in the Peak District and South Pennines to restore biodiversity and hydrological integrity of degraded blanket bog, targeting bare peat as a priority. Since 2003 we have carried out works on over 8.6km<sup>2</sup> of moorland. MFTF have published several reports over the last ten years—many of which are freely available on our website. We continue to expand on these with new monitoring projects. In order to further our understanding of blanket bog habitats and the impact our conservation works have on them, we have established extensive monitoring programmes covering a range of ecosystem services including water quality, flood risk, recreational value and biodiversity.



Sykes Moor on Bleaklow—first treated in 2003 (top) has been monitored for its tenth year in 2013 (bottom). Recent data, gathered as part of the MoorLIFE project, shows that Sykes Moor has seven of the **JNCC's indicator species for blanket bog habitats**, including common heather, common cottongrass, hare's-tail cottongrass, cloudberry, bilberry, crowberry and feather mosses.



Peat depth surveys undertaken at a catchment scale has provided valuable information on the blanket peat across many restoration areas (left)



The South Pennines Geonetwork provides an online platform for sharing information on data collected in the area. (above)

## Research and Monitoring Reports

2004

- Breeding Bird Survey of the Peak District Moorlands

2005

- Understanding Gully Blocking in Deep Peat
- Increasing Water Supplies for Fighting Moorland Fires
- Moors for All

2006

- Analysis of Moorland Breeding Bird Distribution and Change in the Peak District
- Recreation and Visitor Attitudes in the Peak District Moorlands
- Conservation Heritage Assessment of Burbage

2009

- Sphagnum in the Peak District: current status and potential for restoration
- Water Tables in Peak District Blanket Peatlands

2010

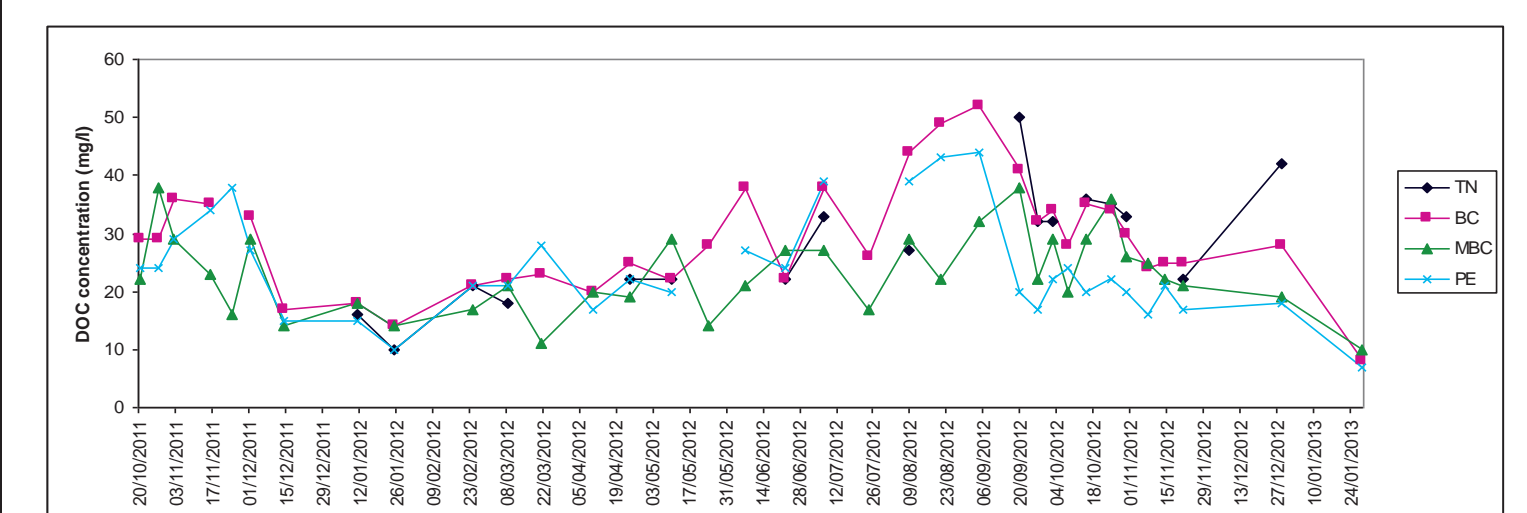
- Sphagnum re-introduction project: A report on research into the re-introduction of Sphagnum mosses to degraded moorland.

2012

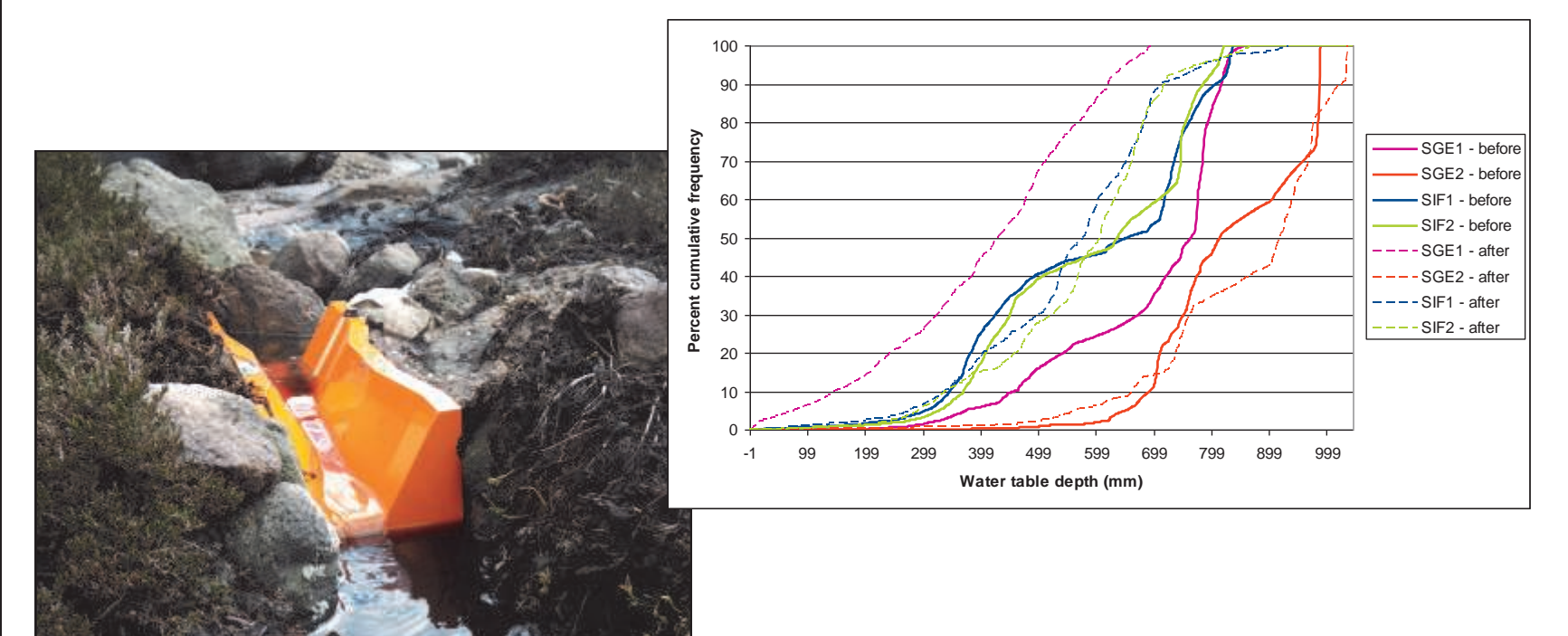
- Land Cover and management activities across moorlands in the Bamford Water Treatment Works Catchment and their implications for water colour and run-off
- Kinder 'Peatlands for the Future' Project Monitoring Report

2013

- Spatial variation in water quality within the water bodies of a Peak District catchment and the contribution of moorland condition
- MoorLIFE: Active Blanket Bog Restoration in the South Pennine Moors, Monitoring Programme—Mid-term Report
- Moors for the Future Partnerships restoration methods for restoring bare peat in the South Pennines SAC: evidence-based recommendations
- Vegetation recovery on bare peat after restoration intervention: an analysis of nine years of monitoring data in the Dark Peak moorlands (2003—2012).



Water quality monitoring in several of our monitoring projects, with a particular focus on DOC, colour, and heavy metals.



Water flow and water table monitoring is undertaken across a number of restoration sites, looking at the effect of revegetation and gully blocking on the hydrology of the sites.

Many of our publications are available to view online. We welcome enquiries regarding recent and current work, and collaborations are welcome.

Contact us

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