

JNCC Bulletin June 2020

Celebrating World Oceans Day



Nature-based solutions to climate change

180 MPAs around England and offshore from Northern Ireland

50% protect habitats that support resilience to the pressures associated with climate change
43% protect habitats that play a key role in coastal protection

29% protect habitats which contribute to oceanic and atmospheric carbon sequestration

21% protect seagrass beds and saltmarsh; known to be one of the most efficient ecosystems in sequestering oceanic and atmospheric carbon.

In celebration of World Oceans Day 2020, a report by JNCC, on behalf of Defra, on Developing the evidence-base to support 'climate-smart' decision making around Marine Protected Areas (MPAs) was launched, revealing that half of MPAs around the UK contain habitats important for climate resilience. On the day of the launch, Defra Minister Rebecca Pow said "this research gives us the tools to measure the impacts of climate change on some of our most sensitive habitats and provides an important insight into the benefits of Marine Protected Areas - not just for nature but for our own resilience in the face of a changing climate". Outputs from this first phase of the Climate Smart MPA work include the project report, an infographic illustrating statistics on how MPAs contribute to climate change impact mitigation, and pilot MPA climate profiles to support decision-making in the face of a changing climate for individual MPAs. Project outputs are available on the project webpage.

JNCC also welcomed the launch of the Benyon Review, commissioned by Defra, on the role of <u>Highly Protected</u> <u>Marine Areas</u>.

Congratulations Danny!





JNCC's Danny Heptinstall has been elected to represent the UK as Chair of the African-Eurasian Migratory Waterbird Agreement's (AEWA)

European Goose Management Platform (EGMP).

Established in 2016, the EGMP is an innovative intergovernmental process to sustainably and adaptively manage European migratory goose species. Conserving their populations while balancing their negative impacts. EGMP provides a structure for countries to work together to collectively and inclusively achieve their management goals. Thereby reducing conflict and increasing efficiencies. For the past year Danny has enjoyed supporting the Scottish Government in its objectives for the EGMP, and is delighted and honoured to now be supporting all the countries along the flyway.

For more than 25 years JNCC has provided robust evidence and trusted advice on nature conservation to enable UK governments to achieve their policy objectives. As a public body we also work in partnership with business and society. Our people are dedicated to providing high-quality evidence and advice on the natural environment for the benefit of current and future generations. Our vision is to be a world-leading provider of innovative solutions, placing nature at the heart of sustainable wealth and wellbeing.

Noise management in SACs



JNCC, together with Natural England and the Department for Agriculture, Environment and Rural Affairs, published guidance on assessing and managing noise disturbance in harbour porpoise Special Areas of Conservation (SACs) in England, Northern Ireland and Wales. The areas inside and around the SACs have, over the last couple of decades, experienced a certain level of noise disturbance from offshore industries. Harbour porpoise are sensitive to underwater noise associated with these activities and studies show that animals respond to the disturbance over relatively large areas, for example by moving away or changing activity patterns. The advice and guidance are the culmination of several years of inter-agency discussion as well as consultation with regulators, industry and Non-Governmental Organisations.

First World Albatross Day!



JNCC took part in the inaugural World Albatross Day, sharing stories on our work and wider albatross conservation messages via our social media platforms. During the Agreement on the Conservation of Albatrosses and Petrels (ACAP) Advisory Committee meeting last year in Brazil it was declared that a conservation crisis continues to be faced by its 31 listed species, with thousands of albatrosses, petrels and shearwaters dying every year. Threats to their survival include fishing, invasive species, predators, climate change and pollution. To increase awareness ACAP inaugurated a World Albatross Day, to be held annually on 19 June, the date the Agreement was signed in 2001. JNCC provides UK representation for the Falklands, South Georgia, British Antarctic Territory and Tristan da Cunha overseas territory governments to ensure effective engagement with ACAP and other international fora. We also help these governments develop their national plans for action on conserving albatrosses and petrels.

CABFISHMAN



Conserving Atlantic Biodiversity by Supporting Innovative Small-scale Fisheries Co-management (<u>CABFISHMAN</u>) is an EU funded <u>Interreg Atlantic Area</u> project aimed at improving the protection of the marine environment and building a better understanding of the interaction between fisheries and ecosystem services. The project involves 13 partners across five Atlantic coastal states and is led by AZTI tecnalia.

JNCC are directly involved in three work packages related to fisheries and impact mapping as well as stakeholder engagement. The project seeks to build a future for small scale fisheries management where fishers work confidently alongside managers, government officials and scientists.

EEA report on the state of Europe's seas

JNCC led on the production of the '*Biodiversity in Europe's* <u>Seas</u>' report, as a core partner within the European Topic Centre for Inland, Coastal and Marine waters (ETC-ICM), a consortium of 18 agencies, consultancies and research organisations across Europe. This work fed directly into the European Environment Agency (EEA) '<u>Marine Messages II</u>' report on the state of Europe's seas. The findings of this report emphasise the progress and achievements that have been made across Europe, whilst suggesting that several European targets to improve the seas have not been met.



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