



South West Partnership for Environmental and Economic Prosperity

## newsletter

Winter 2019

Welcome to the SWEEP newsletter.

It's been a busy few months for the whole SWEEP team. The activity has really ramped up since the launch of our second phase of projects earlier this year. Below are some of the key achievements and highlights of SWEEP work over the past few months.

Something to look forward to - we are going to be hosting a SWEEP conference in Summer 2020. It will be a chance for us to demonstrate some of the tools that have been created, talk about impacts so far, and introduce project partners to other areas of our work. We'll keep you posted!



### SWEEP feeds into MMO Evidence Report

The Marine Management Organisation (MMO) has published new research outputs around the impacts of climate change on the marine environment in regards to planning.

Dr Darren Clark, along with colleagues at [Plymouth Marine Laboratory](#), contributed two key elements to R009 - one of the MMO's key Evidence Requirements. The first submission was model projection data that indicates how conditions within the marine environment may diverge from those of the present-day in response to climate change for the South West Marine Plan area. The second was an associated report: Model projections of marine environmental variables' response to climate change within England's South West Marine Plan Areas (MMO 1169). The report and a summary are available from the [MMO webpages](#).

[Read the full report >](#)



### Overtopping forecast for South West England made available to the public.

Coastal processes scientists from the [SWEEP Wave Forecasting project](#) have developed a new, more accurate way of forecasting wave overtopping hazards around the South West.

We announced the launch of the Operational Wave and Water Level model (OWWL) in our last update, and now OWWL is providing insightful overtopping forecasts to the general public. The data is available online, through Twitter alerts from [@Coastal\\_Hazards](#), or by signing up for a detailed daily email.

[Full story >](#)



### New series of Environmental Investment for Healthy Outcomes webinars.

The team from the [SWEEP Environmental Investment for Healthy Outcomes project](#) are hosting a series of webinars to share policy, practice and research stories from across the South West.

For their opening webinar, the team welcomed Rupert Lloyd from [Public Health Dorset](#) who shared his insight into some of the work going on in Dorset, including the Healthy Places project, and gave a Q&A session after the talk.

For a recording of the first webinar, and details of the second in the series, please take a look at the [full story](#).

[Health and Wellbeing webinars >](#)



### SWEEP colleagues speak at COP25.

This year, the UN Climate Change Conference (UNFCCC COP25) has been named 'the Blue COP', prioritising the connection between the ocean and climate. Professor Melanie Austen, along with a group of colleagues from Plymouth Marine Laboratory, was invited to present at a variety of ocean-focused events at COP25, several of which were broadcast live.

[Read more about PML at COP25 >](#)



### Four new SWEEP-affiliated PhD students join the team.

We're pleased to announce that four new PhD studentship projects have been awarded over the past few months. This takes the total of our SWEEP-affiliated studentships to seven, thanks to the financial support from numerous partners, and the Universities of Exeter and Plymouth.

Sophie Corrigan has joined the College of Life and Environmental Sciences team at the University of Exeter to evaluate the benefits of seaweed mariculture in the South West. Her study is co-funded by the Fishmongers Association, Cefas and the Marine Biological Association.

Working from the European Centre for Environment and Human Health (ECEHH), [Cara Patel's](#) PhD looks at the restoration of natural capital in relation to anti-microbial resistance in aquatic systems and is sponsored by the Medical Research Foundation.

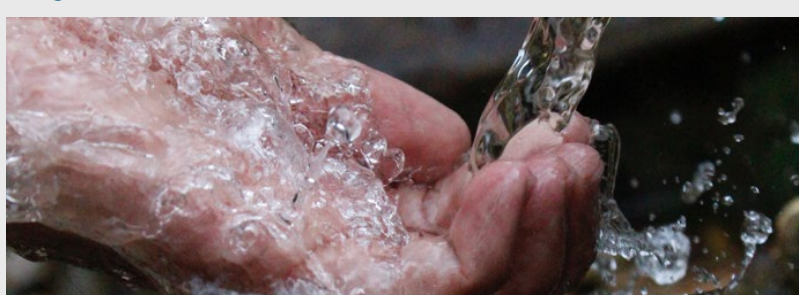
Hannah Forbes' studentship will centre on blue prescriptions - using wetland visitor centres and reserves for site-based social prescribing. Co-funded by the Wildfowl and Wetland Trust, Hannah will also join the team at ECEHH.

Teaming up with the Coastal Processes Research Group at the University of Plymouth, Josie-Alice Kirby will be working directing on the SWEEP around the application of Coastal Change Management Areas. Her PhD is co-funded by the Environment Agency.

We look forward to sharing key developments with you as these projects progress. Good luck to the new recruits!

## Impact Highlights - Aug 2019 to Dec 2019

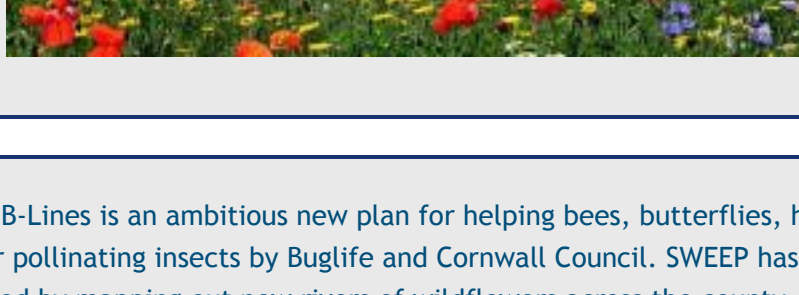
SWEEP work contributed to a £30million private/public funding venture for the pioneering new [Centre for Resilience in Environment, Water and Waste](#).



SWEEP has proudly supported the successful €4million award for [Plymouth City Council 'Green Minds'](#) - setting social baselines for Plymouth Sound National Marine Park and evaluation of the city's green and blue infrastructure.



Cornwall B-Lines is an ambitious new plan for helping bees, butterflies, hoverflies and other pollinating insects by Buglife and Cornwall Council. SWEEP has contributed by mapping out new rivers of wildflowers across the county.



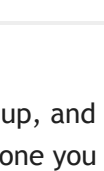
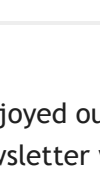
As part of the [Mainstreaming Environmental Growth project](#), SWEEP has been developing monitoring tools for 'Forest for Cornwall' - a flagship £30million project in Cornwall Council's climate change and carbon-neutral action plan.



For regular news and progress updates, please visit the SWEEP website at [www.sweep.ac.uk](http://www.sweep.ac.uk).

We very much hope you enjoyed our round-up, and welcome your feedback. Do feel free to share this newsletter with anyone you think would be interested.

[Forward this newsletter to a friend or colleague](#)



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