

Eurosite & Estación Biológica de Doñana

Sanlúcar de Barrameda, Spain

09 - 11 April 2019

4th Natura 2000 monitoring workshop: the roles of new technologies and citizen science

PROGRAMME



For more information and updates,
please visit the Eurosite website:

www.eurosite.org

Programme

Welcome

Tuesday 9 April	<i>Location: Hotel Palacio de Arizón (Plaza Quinto Centenario, 11540 Sanlúcar de Barrameda, Spain)</i>
09.00 - 10.00	Registration
10.00 - 10.15	Welcome and opening <i>Kristijan Čivić, Eurosites & Dr. Ricardo Díaz-Delgado, Estación Biológica de Doñana (tbc)</i>
10.15 - 10.30	The Natura 2000 Biogeographical Process <i>Natura 2000 Biogeographical Process Contractor</i>
10.30 - 10.50	Introduction to the workshop <i>Dr. Bruno Combal, Policy Officer Directorate-General for the Environment, European Commission</i>
10.50 - 11.10	Evidence Based Improvements of the Birds and Habitats Directives <i>Anne Schmidt, Wageningen Environmental Research</i>
11.10 - 11.40	Coffee Break

Case studies: the role of remote sensing in Natura 2000 monitoring

11.40 - 12.00	Earth observations for biodiversity monitoring: experiences from Finland <i>Peter Kullberg, Finnish Environment Institute (SYKE)</i>
12.00 - 12.20	Remote sensing-based spatial modelling for Natura 2000 management at a large scale: from habitat monitoring to sites selection <i>José Manuel Álvarez-Martínez & Borja Jiménez-Alfaro & Santiago García</i>
12.20 - 12.40	Remote sensing of invasive plant species: identifying thresholds and early indicators of high impact <i>André Große-Stoltenberg, Institute of Landscape Ecology and Resources</i>
12.40 - 13.00	Q&A: the roles of satellite images for monitoring Natura 2000 habitats and species
13.00 - 14.30	Lunch and networking
14.30 - 16.00	Demonstration workshop: supporting local to global environmental protection, conservation and restoration through Earth observations <i>Richard Lucas, Centre for Ecosystem Science</i>
16.00 - 16.30	Coffee
16.30 - 16.50	A remote sensing monitoring methodology for vegetation structure in the Netherlands <i>Sander Mucher, Wageningen Environmental Research</i>
16.50 - 17.10	Improving monitoring schemes by multi-scale remote sensing-data <i>Andreas Press, Department of Forest Resource Management, Swedish University of Agricultural Sciences</i>
17.10 - 18.00	Q&A and discussion session

Programme

Case studies: the role of drone data in Natura 2000 monitoring

Wednesday 10 April

Location:	<i>Hotel Palacio de Arizón (Plaza Quinto Centenario, 11540 Sanlúcar de Barrameda, Spain)</i>
09.15 - 09.30	Introduction
09.30 - 09.50	Use of hyperspectral and thermal sensors in combination with deep-learning algorithms for vegetation mapping <i>Pieter Beck, Joint Research Center</i>
09.50 - 10.10	Drones and satellite data in Natura 2000 monitoring in military areas - Błędowska Desert, Poland <i>Wojciech Mróz & Katarzyna Kępa, ecological consultancy</i>
10.10 - 10.30	Multi-scale remote sensing for the long-term monitoring and conservation of the Doñana LTSER platform <i>Ricardo Díaz-Delgado, Estación Biológica de Doñana</i>
10.30 - 10.50	Drones and camera traps to study animal trail networks in Doñana National Park <i>Margarita Mulero Pazmany, Liverpool John Moores University</i>
10.50 - 11.30	Coffee break
11.30 - 13.00	Demonstration workshop: Simple automatic detection of small landscape changes using satellite imagery <i>Alan Brown, Countryside Council for Wales</i>
13.00 - 14.30	Lunch

Case studies: the roles of other new technologies (e.g. phone apps, camera traps, eDNA)

14.30 - 14.50	Citizen science-based monitoring of Habitats Directive and regionally important species in Flanders (northern Belgium) <i>Marc Pollet & Arno Thomaes, Research Institute for Nature and Forest (INBO)</i>
14.50 - 15.10	Using DNA to monitor protected sites and species <i>Andy Nisbet, Natural England</i>
15.10 - 15.30	Multi-scale monitoring on practice: cost-effective ways to monitor the Swedish seashore and mountains <i>Åsa Hagner, Department of Forest Resource Management, Swedish University of Agricultural Sciences</i>
15.30 - 16.10	Coffee break

Programme

Case studies: citizen science approaches to monitoring while using new technologies

16.10 - 16.30	Improving the accuracy of bird counts with ImageJ <i>Clive Hurford</i>
16.30 - 16.50	BioLog: a recording app and distributional atlas in your pocket - a Czech approach to reaching citizens <i>Karel Chobot, Czech Nature Conservation Agency</i>
16.50 - 17.10	European stag beetle monitoring network: a joint effort works best <i>Arno Thomaes, Research Institute for Nature and Forest (INBO)</i>
17.10 - 18.00	Facilitated session: Taking stock of the best practise, strategies, needs, and perspectives in developing and implementing the use of these monitoring tools
18.30 - 20.00	Knowledge market
20.00	Eurococktail

Thursday 11 April

Field excursion to Dehesa de abajo

09.15	All participants to meet in the hotel foyer
09.30 - 17.00	Field excursion to Dehesa de abajo (including lunch at 13.00)



The organisation of this event is financially supported by the European Union. The sole responsibility lies with the author - the Agency is not responsible for any use that may be made of the information contained in this programme.