



Atelier International

Gestion des dunes littorales et des estrans sableux du 12 au 14 juin 2018 – Dunkerque (FR)

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Programme

Mardi 12 juin 2018

09:00 Inscription

10:00 Session d'ouverture

- **Micheal O' BRIAIN** (Commission Européenne, Nature Protection Unit, DG Environnement). *The EU Action Plan for Nature, People and the Economy*
- **John HOUSTON** (NEEMO). *The Natura 2000 Biogeographical Process for the Atlantic Biogeographical Region - the Coastal Dune Roadmap - an update on state of the affairs*
- **Loïc GOUGUET** (Office National des Forêts). *La restauration/préservation des dunes grises ou les méthodes souples d'utilisation des dunes en vue de la « défense contre la mer »*

11:15 Pause-café

11:45 Session d'ouverture (continué)

- **Jean-Louis HERRIER** (Agence flamand de la Nature et de Forêt) **et al.** . *LIFE+ FLANDRE: strengthening the Natura 2000 network by cross-border cooperation*

12:30 Déjeuner

13:40 Projets LIFE inspirants

- **Edy FANTINATO** (Ca' Foscari University of Venice) **et al.** *LIFE16 NAT/IT/000589 Restoration of dune habitats in Natura 2000 sites of the Veneto coast – REDUNE: targets and objectives*
- **Gundega ULME** (Carnikava Municipality) & **Vilis ZINKEVICS** (Carnikava Municipality). *CoHaBit - Coastal Habitat Conservation in Nature Park "Piejūra", LIFE15 NAT/LV/000900*
- **Jose Ignacio ALONSO FELPETE** (Universidad de Oviedo-Indurot). *Conservation actions developed by LIFE+ARCOS towards the restoration of dune habitats in northern Spain*
- **Nadia SANZ-CASAS** (Conservatoire du Littoral), **Eric GIRARD** (Conservatoire du Littoral) & **Etienne DUBAILLE** (Conservatoire du Littoral). *Programme LIFE Adapto, 10 démarches de gestion souple du trait de côte*

15 :00 Pause-café

15:30 Sessions en parallèle

- **Changement climatique & dynamique côtière**
 - **KEYNOTE: Marie-Hélène RUZ** (Université du Littoral Côte d'Opale). *Coastal dune response to climate change*
 - **John RATCLIFFE** (Natural Resources Wales) **et al.** *From Preservation to Conservation; the restoration of sand drift dynamics in Wales*
 - **Oliver COHEN** (Université du Littoral Côte d'Opale) **et al.** *DYNALIT, a French scientific observation network of coastal evolution. Example of the study site of East-Dunkirk*



- **Luc GEELEN** (Waternet). *A LIFE+ dune restoration project, rocket science or not?*
- **Hon Chim CHIU** (Department of Geography and Centre for Geo-computation Studies, Hong Kong Baptist University) **et al.** *Beach Recovery Processes in Urban Beach Systems : A Study in Hong Kong after an Extreme Storm Event*
- **Services écosystémiques des dunes et du littoral**
 - **KEYNOTE: Leo DE NOCKER** (Flemish Institute for Technological Development - VITO) **et al.** *The ecosystem goods and services of coastal dunes and their benefits for people and the economy. Illustrated by the socio-economic impacts of the LIFE+ FLANDRE project*
 - **Katrien VAN DER BIEST** (University of Antwerp, Ecosystem Management Research Group) **et al.** *Ecosystem vision for the Belgian coastal zone*
 - **Myrthe FONCK** (PWN). *Nature conservation and drinking water production: mutual benefits of an ecosystem service*
 - **Daphné THOON** (MDK – Coastal Division) & **Peter VAN BESIEN** (MDK – Coastal Division). *Ecosystem services provided by coastal dunes & sandy beaches: Coastal Safety - case studies in Flanders*
- **Fragmentation spatiale & connectivité écologique**
 - **KEYNOTE: Theo VAN DER SLUIS** (WENR/Biogeographical Process) & **Thomas HAYNES** (NatureBureau/Biogeographical Process). *Ecological networks for improved landscape connectivity – examples for coastal dunes*
 - **Jean-Louis HERRIER** (Agence flamand de la Nature et de Forêt) **et al.** *Possibilities to restore ecological connections between dune sites in the spatially fragmented coastal dune belt of Flanders*
 - **Benjamin BLONDEL** (Syndicat Mixte Baie de Somme - Grand Littoral Picard). *Remarkable landscapes and natural habitats restoration in the Marquenterre coastal dunes, northern France*
 - **Els AMELOOT** (Flemish Land Agency – VLM) & **Carole AMPE** (Flemish Land Agency – VLM). *Grey blockhouses in grey dunes: Schuddebeurze (Flanders)*
 - **Christine DOBRONIAK** (Grand Port Maritime de Dunkerque). *The natural heritage master plan (SDPN), a forward-looking vision to protect port biodiversity (Dunkerque, France, North Sea)*

18:00 Forum d'échange de connaissances & buffet dinatoire

20:00 Fin de forum

Mercredi 13 juin 2018

09:00 Excursion dans le complexe transfrontalier des dunes De Westhoek — Dune du Perroquet — dunes fossiles de Ghyvelde et d'Adinkerke

20:00 Dîner

Jeudi 14 juin 2018

09:00 Sessions en parallèle

- **Biodiversité face au changement climatique & au dépôt d'azote**
 - **KEYNOTE: Annemieke KOOIJMAN** (Institute of Biodiversity and Ecosystem Dynamics - University of Amsterdam) & **Mark VAN TIL** (Waternet Amsterdam). *Nitrogen deposition and grass encroachment in calcareous and acidic Grey Dunes (H2130) in northwest Europe*
 - **Dries BONTE** (Ghent University, Biology Department) **et al.** *Linking the spatial organisation of marram grass to dune functioning*



- **Mark VAN TIL** (Waternet Amsterdam) **et al.** *Experiences with reactivation of blow-outs in the Amsterdam Dunes*
- **Marijn NIJSSEN** (Bargerveen Foundation / Radboud University Nijmegen) **et al.** *Soil calcium levels determine effectiveness of mitigating N-deposition for fauna in coastal dunes*
- **Intégrer les processus naturels dans la défense du littoral**
 - **KEYNOTE: Sierd DE VRIES** (Faculty of Civil Engineering and Geosciences (CiTG), TU Delft). *Natural dune development and coastal defence, lessons learned at the Sand Motor mega nourishment*
 - **Marieke KUIPERS** (PWN) **et al.** *Restoration of dynamic coastal foredunes in the Netherlands*
 - **Pieter RAUWOENS** (Leuven University, Department of Civil Engineering, TC Construction) **et al.** *Coastal safety in 2100: It's hard to teach engineering students the soft way*
 - **Anne-Lise MONTREUIL** (Vrije Universiteit Brussel - VUB, Department of Hydrology and Hydraulic Engineering) **et al.** *Improved Understanding of Coastal Morphological Processes along the Belgian Coast*
 - **Wietse VAN DE LAGEWEG** (AnteaGroup Belgium) **et al.** *Alternative nourishment methods for the Belgian coast protection*
 - **Sebastian DAN** (Flanders Hydraulics Research) **et al.** *Preliminary results of a comprehensive monitoring program at the Belgian coast*
- **Planning et suivi des modes de gestion**
 - **KEYNOTE: Sam PROVOOST** (Institute for Nature and Forest Research – INBO) & **Christophe BLONDEL** (Conservatoire Botanique Nationale de Bailleul). *Monitoring of ecological dune restoration in Northern France and Belgium*
 - **Quentin LAPORTE-FAURET** (CNRS, Université de Bordeaux) **et al.** *Morphological and ecological monitoring of a beach-dune system in response to the experimental set up of transverse blowouts: Truc Vert, Nouvelle-Aquitaine, France*
 - **Frantz VEILLÉ** (Office National des Forêts) **et al.** *The dune grasslands of the Opal Coast Biological Reserve. Monitoring and management methods to ensure long-term conservation*
 - **Edy FANTINATO** (Ca' Foscari University of Venice) **et al.** *Functional conservation of coastal dune systems: the pollination network perspective.*
 - **Jan VAN UYTVANCK** (Institute for Nature and Forest Research – INBO). *GPS-data of large herbivore habitat use support management practice in the Zwin nature reserve*
 - **Oliver COHEN** (Université du Littoral Côte d'Opale) **et al.** - *Mapping coastal dunes morphology and habitats evolution using UAV and ultra-high speed spatial resolution photogrammetry*

11 :00 Pause-café

11:20 Session Feuille de route pour les dunes littorales

12:30 Conclusions

13:30 Déjeuner

14:30 Excursion post-atelier dans la « Dune Dewulf »

17:30 Fin de l'atelier

