



## International Conference : **Vegetation mapping in Europe**, 17-19 October 2012, in Saint-Mandé (94), France.

From 17<sup>th</sup> to 19<sup>th</sup> October 2012 will be held an international conference on “vegetation mapping in Europe”, in IGN headquarters, in Saint Mandé (94), France.

This conference is organized in the frame of national habitat mapping program (CarHAB). This program aims to produce a large scale vegetation map (1:25000) of metropolitan French territory using both dynamical and landscapes phytosociology (i.e. vegetation series and geoseries) approaches.

The first two days of the conference will highlight the diversity of vegetation mapping methodologies in Europe and France. The different interventions and workshops will be an opportunity to discuss and exchange about mapping methods and applications.

The last day of the conference will present CarHAB first results.

Participation to this conference is open to all and requires mandatory registration (due to limited space). Online registration is available through [www.geoarchi.net/cartoveg](http://www.geoarchi.net/cartoveg) webpage.

Posters on vegetation mapping are welcome and will be presented during poster sessions. For those are interested, you will send us an abstract before **20<sup>th</sup> August 2012**.

For further information please contact [cartoveg@geoarchi.net](mailto:cartoveg@geoarchi.net)



## *Program*

*Language presentations in French or English*

### Wednesday 17th October 2012

9h00 : Welcome of the participants - Registration

9h30 : **Opening conference**

Allocution of the representative of the Ministry of Ecology

9h45 : **The French national CarHAB program**

Arnault Lalanne (French Ministry of Ecology)

Session 1 : Experiences: methods and map production

Moderator : Arnault Lalanne

10h00 : **Using the UK National Vegetation Classification for mapping**

John S. Rodwell (Lancaster University, United Kingdom)

10h20 : **Synthesis of vegetation mapping experiences in Europe**

Jean Ichter (Muséum national d'Histoire naturelle- Service du patrimoine naturel), Douglas Evans (European Topic Centre on Biological Diversity) and Laurent Poncet (MNHN-SPN)

10h40 : **Synthesis of vegetation mapping experiences in France**

Guilhem Debarros (National Botanical Conservatory Federation, France)

**11h00 - Coffee break**

11h20 : **Methodology of vegetation series and geoseries mapping in Portugal**

Carlos Pinto-Gomes (Evora University, Portugal)

11h40 : **Mapping of vegetation series of Italy**

Carlo Blasi (Sapienza University of Rome, Italy)

12h00 : Discussion

**12h30 - Lunch**

**Session 2 : Modelling and remote sensing: contribution to vegetation mapping**  
**Moderator : Sandra Luque**

**14h00 : Vegetation and Habitats mapping methodology in the Natura 2000 network of Greece: Implementation in 2000 and in 2013**

Panayotis Dimopoulos (University of Western Greece, Greece)

**14h20: Using landscape metrics on satellite imagery to assess conservation status of Natura 2000 habitats**

Denis Lafage (Angers University, France) et Jan-Bernard Bouzillé (Rennes 1 University, France)

**15h00 : Habitat modelling in France**

François Munoz et Marianne Gérard (AMAP-Cirad, France)

**15h20 : Modeling habitat distributions from species co-occurrence data and implications for nature conservation**

Christine Römermann (Regensburg University, Germany)

15h40 : Discussion

**16h20 - Coffee break**

**Session 3 : Information System and Database for vegetation mapping**  
**Moderator : Marc Isenmann**

**16h50 : VegFrance project**

Jan-Bernard Bouzillé and Anne Bonis (Rennes 1 University, France)

**17h10 : INSPIRE data model for habitats and biotopes**

Anne Schmidt (DLO Onderzoeker – Wageningen UR, Nederland)

**17h30 : From individual vegetation-plot databases, through the metadatabase GIVD to the European Vegetation Archive (EVA)**

Jürgen Dengler (Chair of the GIVD Steering Committee, Germany)

**17h50 : SynBioSys Europe: an information system on biodiversity for vegetation research, nature conservation and environmental policy**

John Janssen (Researcher Vegetation and Landscape Ecology, Centre for Ecosystem Studies-Alterra Wageningen UR, Netherland)

18h10 : Discussion

**18h50 : Poster session**

## Thursday 18th October 2012

### Session 4 : Landscape Phytosociology and mapping

Moderator : Vincent Boulet

9h00 : **Bibliographical synthesis of vegetation series and geoseries mapping in Europe**  
Aurélie Chalumeau (Brest University, France)

9h20 : **Synphytosociology : concepts and applications**  
Franco Pedrotti (University of Camerino, Italy)

9h40 : **The phytosociology of the landscape and evaluation of the conservation status of habitats**  
Edoardo Biondi (Marche Polytechnic University, Italy)

10h00 : **Natura 2000 in Italy: some ideas for the project CARHAB**  
Corrado Marcenò (MNHN)

### Session 5 : which maps for which uses? Experience narrative of actors mapping.

Moderator : Jean Ichter

10h20 : **Habitat mapping of Czech Republic and its update**  
Veronika Oušková (Project manager, Nature Conservation Agency of the Czech Republic)

10h35 : **Semi-automatic method of mapping the natural environment of the Canton of Geneva, Switzerland**  
Nicolas Wyler, Pascal Martin and Raoul Palese (Conservative and responsible GIS-TD in the Conservatory and Botanical Garden, Switzerland)

### **10h50 - Coffee break**

11h05 : **Two mapping approaches in Catalonia : vegetation / vegetation series and CORINE habitats**  
Jordi Carreras and Albert Ferré (University of Barcelona, Spain)

11h20 : **Land-use planning tool based on phytosociology: biological valuation map**  
Desiré Paelinckx (Research Institute on Nature and Forest, Belgium)

11h35 : **Natural and semi-natural vegetation mapping of département Seine-et-Marne**  
Laurent Azuelos (Charge of studies « Habitats », CBN Bassin Parisien), Olivier Renault and Jean Dey (General Council of Seine-et-Marne)

11h50 : **Mapping Natural Habitats of the Pilat Regional Nature Park, three visions of the same tool**  
Sandrine Gardet (PNR Pilat)

12h05 : **Vegetation mapping of Cevennes National Park**  
Grégoire Gautier (Cevennes National Park)

12h20 : Discussion

**13h00 - Lunch**

14h00 : **Workshops**

**Workshop 1 : Vegetation mapping for which purposes?**

Introductive presentation : Example of PNR de Camargue: A mapping of natural and semi-natural environments for what? Philippe Isenmann (PNRC) and H  l  ne Durand (Aliz   Geomatics)

Animators : Fr  d  ric Bioret (Brest University) and Vincent Boullet (CBN Massif Central)

**Workshop 2 : Information System and vegetation Database**

Introductive presentation : CarHAB Information System (Fr  d  ric Vest, MNHN-SPN)

Animators : Fr  d  ric Vest (MNHN-SPN) and Jean-Luc Cousin (IGN)

**Workshop 3 : Mapping methodology: which methods for which objectives?**

Introductive presentation : CORINE habitat mapping in Catalonia : the photo-interpretation and other methodological remarks (Jordi Carreras and Albert Ferr  , University of Barcelona)

Animators : Sandra Luque (IRSTEA Grenoble) and Douglas Evans (CTE)

**16h15 - Coffee break**

16h30 : **Workshops restitution**

17h30 : Discussion

18h30 : **Poster session**

Friday 19th October 2012

Session 6 : Preliminary results of CarHAB program

Moderator : Arnault Lalanne

9h15 : **The "white background": definition and method of design in the CarHAB program**

Loïc Commagnac (IGN)

9h30 : **Spatially explicit modeling of vegetation: a support for natural habitats mapping**

Mathilde Redon (FCBN / IRSTEA)

9h45 : **Typology and mapping of vegetation series of the French Manche-Atlantic coast**

Charlotte Demartini (Brest University, France)

10h00 : **Methodological tests on vegetation mapping in the Cher in link with the production of "white background" CarHAB**

Gaël Causse (CBN Bassin Parisien)

10h15 : **Vegetation series and géoséries in middle mountain: example of the Clermontoise region**

Camille Roux (PRES Clermont-Ferrand), Charles-Etienne Bernard (Institut de botanique-Herbiers Universitaires de Clermont-Ferrand), Gilles Thébaud (PRES Clermont-Ferrand)

**10h30 - Coffee break + Posters**

11h00 : **Vegetation mapping of Pilat Natural Regional Park and Livradois-Forez**

Guillaume Choynet (CBN Massif Central)

11h15 : **Examples of Alpine massifs vegetation mapping**

Vincent Thierion (IRSTEA) and Marc Isenmann (CBN Alpin)

11h30 : **Typology and Vegetation series and geoseries mapping of Corsica**

Pauline Delbosc (Brest University and CBN Corse)

11h45 : **Closing ceremony and announcement of the GIP - (public interest group), « Vegetation survey, mapping and monitoring in France »**

**12h00 - Lunch**

## Access plan to IGN premises



# INSTITUT NATIONAL DE L'INFORMATION GÉOGRAPHIQUE ET FORESTIÈRE

## Plan d'accès

Adresse du siège social :  
73, avenue de Paris  
94165 Saint-Mandé Cedex



### Accès en transports en commun

**Métro ligne 1** : station Saint-Mandé Tourelle ou station Bérault  
**RER A** : station Vincennes  
**Bus** : ligne 325

### Accès en voiture

Depuis le périphérique, sortir porte de Vincennes, puis prendre l'avenue de Paris jusqu'à l'intersection avec l'avenue Pasteur.