



Second Conference
Bird Migration and Global Change.
Movement ecology and conservation strategies

Strait of Gibraltar, Algeciras, SW Spain, 17 to 20 March 2010.

Presentation and First Announcement.

Web site: <http://www.fundacionmigres.org/congresos/globalchange/Presentation.html>

E mail address: secretariat2010@fundacionmigres.org



FUNDACIÓN MIGRES • Ctra. N 340, Km 96,7, Huerta Grande, Pelayo 11390 Algeciras (Cádiz) •
• Tel.956 67 98 57 • Fax.956 67 91 26 • www.fundacionmigres.org •



Presentation

Global climate change is one of the most challenging problems that humanity has to face in the current century. It will affect all environments, from polar terrestrial to tropical marine, with impacts on both flora and fauna at all levels from species to communities and ecosystems. Yet we still have insufficient evidence of its likely impacts and consequences for the natural world. Already global climate change has extended growing seasons, changed distribution patterns, and altered the phenology of flowering, breeding, and migration. Long-distance migration is one of the phenomena that best illustrates the deep links between climate and animal ecology and behaviour. For migratory birds, the timing of arrival on breeding territories and over-wintering grounds is a key determinant of reproductive success, survivorship, and fitness. Migratory birds can also contribute to the spread of emerging diseases affecting both animals and humans, and can interact in various new ways with non-migratory bird populations. An understanding of the processes driving these changes and their consequences are crucial for (1) effectively addressing likely scenarios; (2) providing a firm basis for adaptive management; and (3) developing effective conservation strategies for managing rapidly changing animal populations.

In 2007 the Foundation MIGRES organized the First Conference on “Bird Migration and Global Change”, which aimed to analyse and debate topics such as migration and spread of diseases, behavioural changes in birds induced by climate, new tools for tracking migration, and conservation of populations and their habitats in a changing environment. Information resulting from this conference can be found at:

<http://www.fundacionmigres.org/congresos.htm>

In order to update our understanding of this important topic, the Foundation MIGRES is organizing the *Second Conference on Bird Migration and Global Change* for spring 2010.





2nd. Conference on Bird Migration and Global Change. *Movement Ecology and Conservation Strategies*

First Announcement

The MIGRES Foundation is proud to invite you to the “Second Conference on Bird Migration and Global Change: movement ecology and conservation strategies”, which will be held in the Strait of Gibraltar, Algeciras (SW, Spain), from 17 to 20 March 2010.

Scientific Programme

A Scientific Committee has been formed and an agenda for the conference, the specific symposia and keynote speakers are currently being confirmed.

Some of the proposed aspects to be discussed include (titles must be considered as preliminary):

- *Bird Migration in a Changing World: Patterns and Principles.*
- *Genetics and Evolutionary responses of migrating birds to climate change.*
- *Regulation of population size of migratory birds in a changing environment.*
- *Biogeographic influence and ecological consequences of climate change on migrating birds species around the globe.*
- *Global change and long-distance migratory birds: carry-over effects and seasonal interactions.*
- *Movement ecology: models and patterns of organism movements.*
- *Animal Tracking and Physiological Monitoring: methodological tools for understanding effects of global change.*





The official language of the Conference will be English. It is not intended to publish the Proceedings.

To date, some of the keynote speakers that have confirmed their participation are (in alphabetic order):

- Dr. Keith L. Bildstein, Acopian Centre for Conservation Science; Hawk Mountain Sanctuary, USA.
- Dr. Peter P. Marra; Smithsonian Migratory Bird Center (SMBC), Washington, USA
- Prof. Ran Nathan; The Alexander Silberman Institute of Life Sciences, Faculty of Science The Hebrew University of Jerusalem; Jerusalem Israel.
- Prof. Ian Newton; Centre for Ecology and Hydrology, Huntington, England.
- Prof. Francisco Pulido; Grupo de Biología y Conservación de Vertebrados, Universidad Complutense de Madrid, Spain.
- Prof. Martin Wikelski; Department of Migration and Immuno-ecology; Max Planck Institute for Ornithology, Radolfzell, Germany.

The Scientific Program of the Conference will be continually updated on our web site: (<http://www.fundacionmigres.org/congresos/globalchange/Presentation.html>).

Call for contributions.

Abstract submission should be made on line at the following address:

<http://www.fundacionmigres.org/congresos/globalchange/Presentation.html>

The deadline for abstract reception is 1 November 2009.

The abstracts should have a maximum of 2,500 characters (up to one page, A4 standard).

The final programme and the abstract books will be provided to participants at the conference and will also be available on the Conference web site.

If you have problems with the abstract submission process, please contact secretariat2010@fundacionmigres.org.





Registration deadline and fees.

Registration should be made on-line at the following address:

<http://www.fundacionmigres.org/congresos/globalchange/Presentation.html>

Preferred registration deadline is **30 November 2009**. The fee for registration in the Conference (up to the preferential registration deadline) is **200 €**. The organization will try to accommodate those registrations submitted after the deadline (**with an additional charge of 80 €**), but we cannot guarantee the availability of places (conference capacity is limited).

Student Registration carries a 40 € discount (Regular fee: 160; Late fee: 240 €). Student Registration Fee is available only to students with official documentation showing their status.

The Regular and Student Registration Fee includes admission to oral and poster sessions, conference material, official reception, coffee-breaks, lunches and the Blues Concert. Accommodation and travel cost are not included. Additional fees will be required for excursion.

| | Before 30 November 2009 | After 30 November 2009 |
|--------------------------|-------------------------|------------------------|
| REGULAR REGISTRATION FEE | 200,00 € | 280,00 € |
| STUDENT REGISTRATION FEE | 160,00 € | 240,00 € |

Venue and accommodation

The conference will be held at the "Hotel Reina Cristina", Algeciras. The accommodation at this hotel can be booked through the conference website. Other options for accommodation are available in the area, but they should be arranged by yourselves.

Field-trips.

A field excursion is planned on Saturday 20 to the main view points for birdwatching in the Strait. We also explore (depending on weather conditions) the offer of whalewatching. Prices of the excursions will be informed in following communications.





The Geographic Framework.

The Strait of Gibraltar.

The Strait of Gibraltar is widely recognized as one of the hot spots for bird migration in Europe. Strategically located in the southernmost point of Europe, the Strait is a narrow funnel-shaped canal that separates Africa and west Europe, giving the shortest distance between the two continents of just 15 Km. This geographical situation, together with the effect of intense easterly and westerly winds, make the Strait one of the most important migratory “bottle-necks” of the Mediterranean, channelling through it migrating birds from west and central Europe. Particularly important is the mass migratory movements of soaring birds (raptors and storks), that due to their flight behaviour, avoid long sea crossings, producing each year concentrations of hundreds of thousands birds of more than thirty species during passage.

In addition, the Strait of Gibraltar is the only natural marine connection between the Atlantic Ocean and the Mediterranean Sea, so most of the seabirds moving in or out of the Mediterranean must pass the across the Strait.

Although many small migrants, such as passerines, can cross the Mediterranean on a broad front, there are increasing evidences that high concentrations take the shortest route across the Strait during both passages.

More information on birdwatching in the Strait of Gibraltar:

<http://www.fundacionmigres.org/observatorios.htm>





Foundation Migres

The MIGRES Foundation is intended to evaluate migration through the Strait of Gibraltar as well as developing and promoting activities aimed at the sustainable development.

It was established by the end of 2003, promoted by the Junta de Andalucía. Since its creation, it carries out its activities with the conviction that nature must not mean a cost for society, but it must represent an opportunity for sustainable wealth creation and resource provision.



MISSION:

- To establish a forum among experts, institutions and society concerned with the study, preservation and development of interest in nature and, particularly, the huge ecological and human value of migration phenomena.
- To develop and disseminate knowledge about migration.
- To promote activities with socioeconomic relevance based around the sustainable use of natural resources.

FOUNDATION BOARD:

President: Miguel Ferrer, Researcher of the C.S.I.C.

Members: Consejería de Medio Ambiente; Junta de Andalucía

Subdelegación de gobierno; Junta de Andalucía.

Universidad de Sevilla (www.us.es)

Universidad de Cádiz (www.uca.es)

Ayuntamiento de Tarifa (www.aytotarifa.com)

Ayuntamiento de Algeciras (www.ayto-algeciras.es)

Diputación Provincial de Cádiz (www.dipucadiz.es)

Red Eléctrica de España, REE (<http://www.ree.es/>)

Asociación Eólica Tarifa.

Asociación de Grandes Empresas del Campo de Gibraltar (www.agicg.es).

Juan José Negro, Researcher of the C.S.I.C.





Organizing Committee

- *Consejería de Medio Ambiente. Junta de Andalucía (Spain).*
- *Red Eléctrica de España, Madrid (Spain)*
- *Algeciras City Council (Spain)*
- *Fundación Migres. Algeciras (Spain)*

Collaborating partnerships.

- *Sociedad Española de Ornitología (SEO/BirdLife).*

Scientific Conference Committee

Keith Bildstein; Sarkis Acopian Director of Conservation Science. Hawk Mountain Sanctuary.

Miguel Ferrer; Estación Biológica de Doñana, C.S.I.C. Sevilla (Spain).

Juan José Negro; Estación Biológica de Doñana, C.S.I.C. Sevilla (Spain).

Ian Newton; Centre for Ecology and Hydrology, Natural Environment Research Council, UK.

Eloy Revilla, Estación Biológica de Doñana, C.S.I.C. Sevilla (Spain).

Scientific Coordinator:

Gonzalo Muñoz Arroyo; Fundación Migres. Complejo Huerta Grande, Ctra. N 340 Km. 96.7 11390 Pelayo, Algeciras (Cádiz). Tel: +34 956679857 - Fax: +34 956679126.

E-mail: gonzalo.munoz@fundacionmigres.org

Conference Secretariat:

Paola Blázquez (secretariat2010@fundacionmigres.org)

Atlanta Unicongress. Travel and Corporate Events Consultants.

BMGC2010@unicongress.org

www.atlanta.es

