



EXCELLENCE NETWORK OF ISLAND TERRITORIES (ENIT)
INTERNATIONAL SUMMER SCHOOL

Integrated Management of Island Territories and Marine Resources

JULY 2012





PRESENTATION

The University of Las Palmas de Gran Canaria and the University of La Laguna organize, in the Canary Islands, the Summer School “**Integrated Management of Island Territories and Marine Resources**” from the 2nd to 6th of July, 2012. The School is mainly open to Master and PhD students, Spanish, European and from other countries. It will be developed in the framework of activities by ENIT (Excellence Network of Island Territories) which currently comprises 24 universities worldwide.

The aim of this Summer School is to contribute to knowledge, research and development from a multidisciplinary perspective of integrated management of islands and marine resources. The School will address the planning and management of island territories in the economic, environmental and social aspects, as well as the role of universities in the islands’ development. In this regard, there will be a workshop focused in on-site analysis of the impact of the recent eruption of an underwater volcano in El Hierro island.

The main aspects of the workshop will be to address the consequences of this volcanic eruption, both socially, economically and environmentally, with special attention to sudden changes in marine biodiversity in the island. The workshop will be completed with visits to several places of interest in the island, where practical study cases will be shown to compare, first hand, the direct and indirect effects of the eruption.



TOPICS

- Transport Infrastructure and Development in Island Territories
- Immigration and Insularity
- Tourism and Sustainability in Island Territories
- Coastal Management in Islands
- Role of Universities in Sustainable Development of the Islands
- Economic System and Sustainability of the Islands
- Health System in the Islands
- Biological Effects of Volcanic Eruption in El Hierro:
 - Marine Biodiversity: Effects of Volcano Eruption.
 - Marine Acidification and other Chemical Processes linked to Volcanic Activity
 - Harm to Fishing Sector
 - Natural Heritage And Diving Tourism
 - Physiological Stress In Marine Macroalgae on the Coast
- Role of the *Spanish National Geographic Institute (IGN)* in the Environmental Management of the Volcanic Eruption in El Hierro.
- Renewable Energies in Islands and Future Perspectives
- Sustainable Agriculture and Husbandry in Islands





ORGANISATION

Participants

The Summer School is intended mainly for Master and PhD students, Spanish, European and from other countries.

Languages

1. Spanish is the official/main work language.
2. Some parts will be conducted in English and Spanish.

Registration fees

1. 100 € for students and teachers enrolled in Master and Doctorate courses designated by/taught in universities who belong to ENIT.
2. 150 € for students and teachers of universities outside ENIT network and other professionals.

Payment system

Payments will be made only by bank transfer.
Payee name: ULPGC

Concept of the bank transfer: Summer School ENIT
Account Number : 2052 8000 79 3500075605

Development

1. From the 2nd to 6th of July 2012, inclusive.
2. Conferences and visits are mandatory for all participants.
3. Summer School Location: University of Las Palmas de Gran Canaria (Gran Canaria), University of La Laguna (Tenerife) and El Hierro.



Accommodation, meal and transport between island fees

The inscription fees include:

Accommodation in residence hall, catering and transportation:

1. Lodging from the 2nd to 6th of July 2012.
2. Programmed meals: breakfast, lunch and dinner.
3. Bus transport for field trips, visits, study cases.
4. Transport between islands.
(It is advised to arrive in Gran Canaria on Sunday) July 1st and depart on Saturday July 7th from Tenerife or from Gran Canaria.

The budget for accommodation, meal and transport between islands will be 235 €.

Registration

Deadline : June 25th, 2012

The registration will be confirmed after receipt of the registration form and copy of proof of payment.

Documents should be sent by e. mail to the following address: admrelint@ulpgc.es

It must indicate the subject: Summer School





ORGANISATION

Organizing Committee

- Mrs. Rosario Berriel, PhD (ULPGC)
- Mr. Ricardo Haroun, PhD (ULPGC)
- Mr. Gerardo Delgado, PhD (ULPGC)
- Mrs. Blanca Mompeó, PhD (ULPGC)
- Mrs. Estela Carmona, PhD (ULPGC)
- Mrs. Ana Cano (ULPGC)
- Mr. Juan Rocha, PhD (ULPGC)
- Mr. Luis Peña (ULPGC)
- Mr. Rodrigo Trujillo, PhD (ULL)
- Mrs. Isabel Sánchez (ULL)
- Mrs. Lidia Carrillo (ULL)

Futher information:

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JULY 2

Universidad de Las Palmas de Gran Canaria (ULPGC)

09:00–10:00 **Opening Session**

10:00–11:00 **International Campus of Excellence / PCT Taliarte**

- Mr. Conrado Domínguez (ULPGC)
- Mr. Juan Manuel Afonso (ULPGC)

11:00–11:30 Coffee Break

11:30–12:15 **Transport Infrastructure and Development in Islands**

- Mr. Javier Campos (ULPGC)

12:15– 13:00 **Immigration and Insularity**

- Ms. Josefina Domínguez (ULPGC)

13:00–13:45 **Tourism and Sustainability in Island Territories**

- Mr. José Ángel Hernández (ULPGC)

13:45–14:30 **Round Table**

- Mr. Gerardo Delgado (ULPGC)

14:30–16:00 Lunch

16:30–18:30 **Marine Resources Session**

Challenges and Opportunities of Coastal Management in Islands

- Mrs. Yaiza Fernández – Palacios, ICCM: Proyecto SUSTAIN
Actions lines in disease's prevention in aquaculture and public health
- Mr. Fernando Real, ULPGC

Whale-watching in the South of Gran Canaria: Sustainable Use of a Valuable Marine Resource

- Mr. Javier Zaera, Dolphins and Whales Co
Debate
- Mr. Ricardo Haroun, ULPGC

18:30 Travel to Tenerife





PROGRAMME

JULY 3

Universidad de La Laguna (ULL)

- 9:00–10:15 **The Role of Universities in Sustainability and Development in Island Territories**
- A project of Rehabilitation of Arid Soils by Means of Vegetables able to Produce Biodiesel in Fuerteventura
Research group of the Environmental and Climate Change Research Centre of CEI Canarias
 - Biodiversity and Natural Products for Pharmaceutical Industry
Research group of R&D of Biodiverse Drugs of CEI Canarias
 - Paper by some visitor from another university of the ENIT Network
 - Final debate and conclusions.
- 10:15–10:45 Coffee Break
- 10:45–12:15 **Economic System and Sustainability in Island Territories**
- Tourism as an Engine for Development and Leadership in Islands.
Research Group of Tourism of CEI Canarias
 - Logistics and Transportation: an Area for Leading R&D from the Canary Islands
Research Group of the Atlantic Observatory of Transportation of CEI Canarias
 - Paper by some visitor from another university of the RETI Network
 - Final debate and conclusions
- 12:30–14:30 **Health in the Canary Islands**
- Tropical and Transmittable Diseases: the Canary Islands as a Benchmark for Africa
Research group of the Tricontinental Platform of Tropical Diseases and Public Health of CEI Canarias
 - Geographic Isolation and Genetic Diseases
Research Group of Biomedical Research Centre of CEI Canarias
 - Paper by some visitor from another university of the RETI Network
Universidad de La Laguna (ULL)
- 14:30–16:00 Lunch
- 18:30 Travel to El Hierro



JULY 4

El Hierro

- 9:00 – 11:00 **Natural Resources and Diving Tourism in El Hierro Island**
- Iñaki Cayon, President of El Hierro Diving Centres Association
- 11:30–12:30 **Marine Biodiversity: Effects of Volcano Eruption in El Hierro**
- Mr. Ricardo Haroun (ULPGC)
- 12:30–13:30 **Marine Acidification and Related Chemical Processes related to El Hierro Volcanic Eruption**
- Mr. Melchor González (ULPGC)
- 13:30–14:30 **Alternative Energy Sources in Island Systems: Future Scenarios**
- Mr. Roque Calero (ULPGC)
- 14:30-16:00 Lunch
- 16:00-17:30 **Alternative Energies. Visit to the Island Renewable Energy facilities Cabildo de El Hierro (Island Government)**
- 17:30–19:00 **Visit and Collection of Data on the Coast Area Non Affected by the Volcanic Eruption (Charco Manso)**



PROGRAMME

JULY 5

El Hierro

- 9:00–10:30 **Role of the Spanish National Geographic Institute (IGN) in the management of the volcanic eruption in El Hierro**
- Ms. María José Blanco(Instituto Geográfico Nacional)
- 10:30-11:00 Coffee break
- 11:00–12:30 **Major Effects of the Volcanic Eruption in the Artisanal Fisheries Sector**
- Ms. Tamia Brito, Marine Reserve of fishing interest, Mar de las Calmas. Ministry of Agriculture, Nutrition and Environment
- 12:30– 4:00 **Physiological Stress on El Hierro Macroalgae Associated to the Volcanic Eruption**
- Ms. Séfora Betancor (ULPGC)
- 14:00-16:00 Lunch
- 16:00–17:30 **Visit to La Restinga: Fisheries Cooperative / Fisheries Marine Reserve Office/ Diving Centre.**
- 17:30–19:00 **Visit and Collection of Data on the littoral Area Affected by the Volcanic Eruption (Restinga / Tacorón)**
(suggestion: bring mask and snorkell to swim on the allocated área)

JULY 6

El Hierro

- 9:00 – 18:00 **Sustainable Agriculture and Animal Raising in Island Systems**
Cabildo Insular de El Hierro (island government)
- Visit to Agricultural Cooperatives in Frontera: Wine/Tropical Pineapple**
- Visit to Garoé Tree**
- Visit to Mirador de la Peña (viewpoint)**
- Visit to Livestock Cheese Cooperative at San Andrés**



Images:

(Cover)
Daniel Santana Pérez - "Universidad y vida"
Participante de los Premios de Fotografía ULPGC 2012

(Inside)
Universidad de La Laguna (Flickr)
Cabildo Insular de El Hierro (Flickr)
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