

# Masters programme in World Heritage Management

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Masters Programme in World  
Heritage Management

Máistir Eolaíochta de Bainistíocht  
an Oidhreachta Domhanda

# Masters programme in World Heritage Management

- Established at UCD in 2003
- A Team with Experience - 13 Years of running a Diploma in European Environmental Conservation Mgmt
- School of Biology & Environmental Science
  - Interdisciplinary and Interagency cooperation
- WHM Programme Provides
  - Training
  - New skills
  - Experience of scientific methods



# Masters programme in World Heritage Management

- Course is 2 Years full time
- Curriculum Modules:
  - Core modules
  - Natural Heritage Management
  - Cultural Heritage Management
- First Year: 10 modules; Doñana Mgmt planning; mini thesis,
- Second Year: Access to Masters requires in excess of 60% at the Graduate Diploma level;
- Master Degree by Research *at* a W.H. Site or equivalent.



# Masters Programme in World Heritage Management

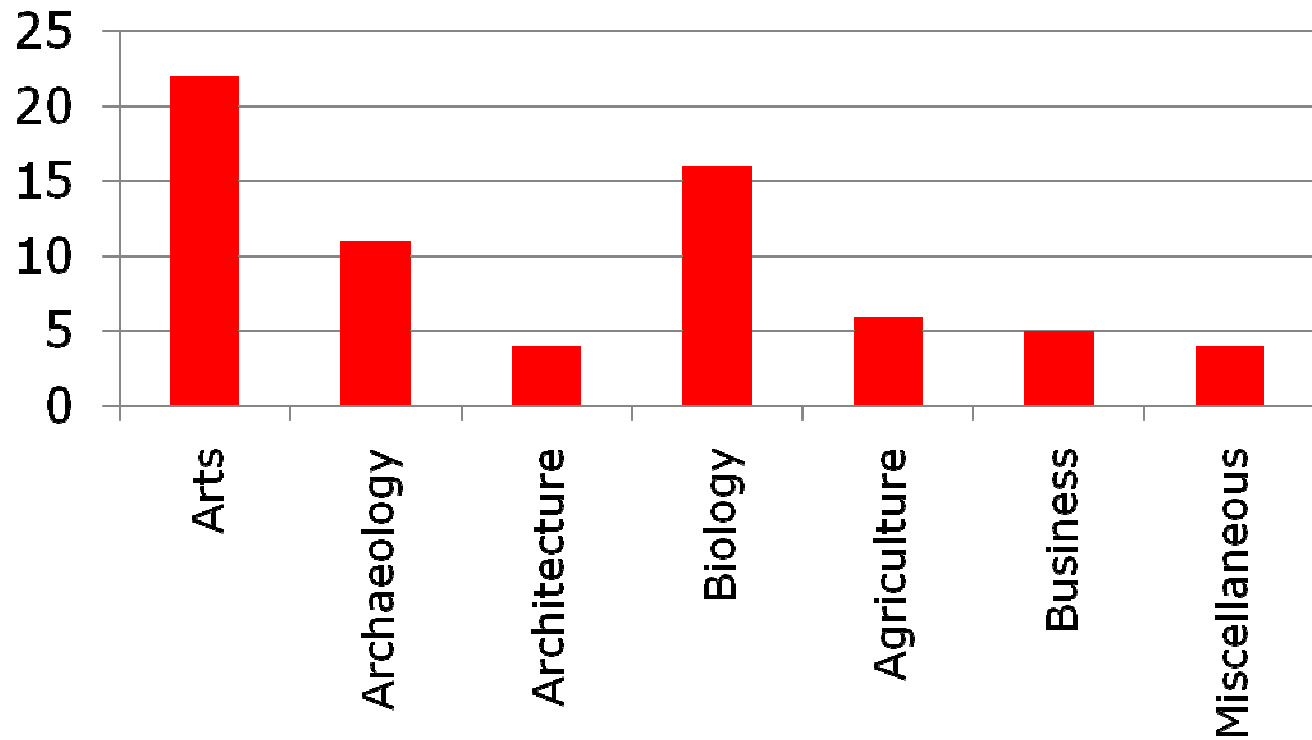
## Doñana Natural Space



## Brú na Bóinne WHSite



# Profile of Masters Students -Professions



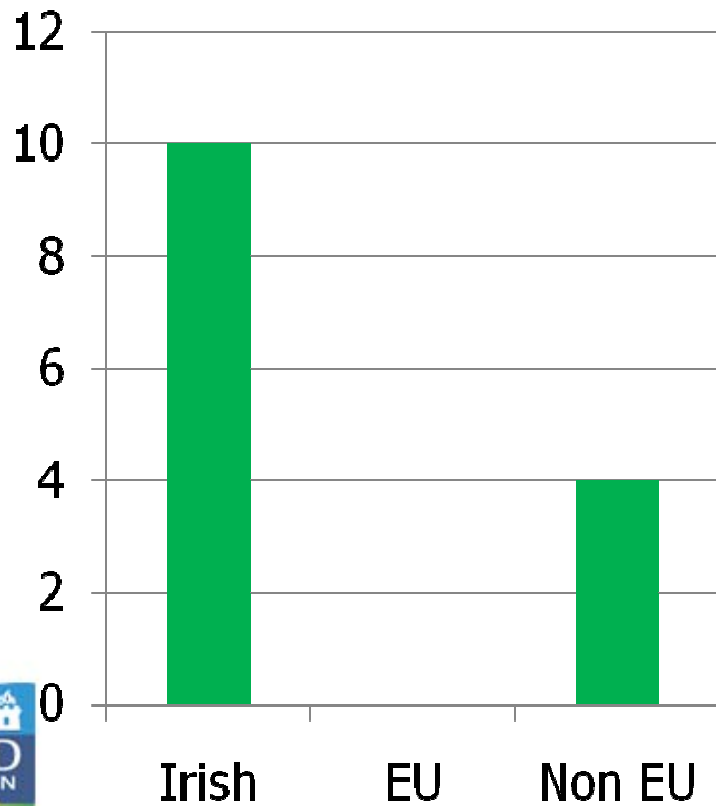
# Profile of Masters Students -Nationalities

- Canada, USA, Jamaica, Ecuador, Venezuela, DR Congo, Ethiopia, Libya, Tanzania, Uganda, Zimbabwe, Georgia, China, Denmark, England, France, Germany, Hungary, Ireland, Italy, Netherlands,

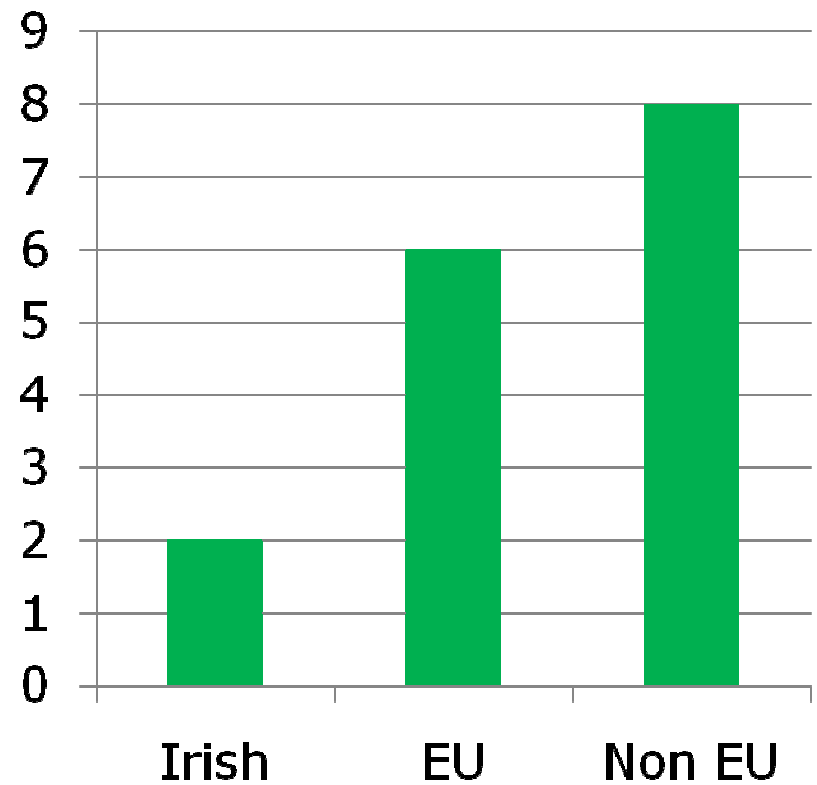


# Profile of Masters Students -Nationalities

## Year 1



## Current Intake (Yr5)





# Funding

- Irish Aid Training Fellowships
- UNESCO Vocations-Patrimoine Fellowships
- French Ministry of Culture
- Venezuelan Government
- Local Authorities





# Sharing Our Heritages

Exchange  
programme  
between Europe  
and Australia

Master Classes in  
UNESCO WHC Paris  
& Kakadu NP  
Australia



# Research

- Biodiversity Loss and Rural Poverty within and around the Simien Mountains National Park
- A buffer Zone at Bwindi Impenetrable NP. The impact on livelihoods, human wildlife conflicts and gorilla conservation
- Iriomote island: An evaluation of protection and management mechanisms in view of proposed nomination to the World Heritage List
- The Red Fort, Delhi: Recommending an Interpretation Framework that will safeguard against the pressure of increased visitor numbers



# Today

- Protected Areas, Heritage Officers for local government, Consultancy Firms
- Getu Wondimu -Head of Coordinating office for Ethiopian WHSites
- Julian Machange – Coordinator for advanced Diploma and Postgraduate Course in Mweka
- James Okware – Community Conservation Warden, Western Uganda
- Berhanu Gebre– General Manager of the Regional Parks development & protection authority
- Abdunasir Ahmed– Tourism Department Head



# Alumni

Research projects at WH Sites in cooperation with network of alumni

- Lalibela workshop
  - Assisting WHM in the Ethiopian Context.
  - DEHLG funded ARCCH
  - Increase capacity of Ethiopian Partner Institutions
  - Initiate Management plan process



# TerraLook Project: Satellite Images for Monitoring

Gary Geller, NASA JPL, California Institute of Technology

Obstacles to using satellite images:

- Hard to find data
  - many sites, many sensors
- Specialised, strange data formats
  - HDF
- Expensive, complicated tools
  - ENVI, ERDAS



# Images can answer simple questions...

- How much deforestation has occurred?
- How can I communicate a problem to the environment minister?
- How much of my park has been encroached by agriculture?
- What does my park really look like? We don't have any maps.





TerraLook

# Mount Taranaki/Egmont National Park



# TerraLook: Monitoring & Periodic Reporting

- Easy access to satellite images and analysis tools
  - Website
  - Images
  - Desktop software
- No prior knowledge of GIS Technology
- FREE
- Request periodic new ASTER acquisitions (free)
- <http://terralook.cr.usgs.gov>



# Future

- Training and Capacity Development Programme for WH
- Distance Learning – online modules
- Network of universities
- UNESCO Category 2 Institutions
- Research & Alumni





# Thankyou!

