

(Theme: An Insight into the Recent Advancements in Geosciences and Climate Change Control)

About the Conference:

Welcome to the 4th International Conference on Earth Science & Climate Change from June 16-18, 2015 at Alicante, Spain. Earth Science-2015 has been themed "An Insight into the Recent Advancements in Geosciences and Climate Change Control" which extensively covers all aspects on scientific and technical advances in the field of geosciences and geomatics ranging from the integration of instruments, methodologies and technologies to their use in earth sciences, environmental engineering and other natural sciences.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the **Earth Science-2015**, where you will be sure to have a meaningful experience with scholars from around the world.

For more details please visit- <http://earthscience.conferenceseries.com/index.php>

Importance & Scope:

The main objective of the conference is to bring together leading academicians, scientists, researchers, graduate students from the field of Geosciences, geology, Meteorology, Volcanology, Atmospheric Science, Global Warming, Environmental Sciences, Remote Sensing and others whose interest is to promote earth science education at the school, college and university levels, and among the general public. It also provides the chance for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the fields of Earth Science and Climate Change.

Earth Sciences or "Geosciences", known as Sciences of the planet Earth, are disciplines which could help to better predict or reduce the damages that would occur in such circumstances. The field of Earth Science and Climate Change is growing rapidly and its development is making tremendous impacts in the arena of Science and technology.

This conference will provide a forum for exchange of ideas and authoritative views by leading scientists as well as business leaders and investors in this exciting field. ESCC-2015 provides a global intellectual platform for top notch academics and industry professionals to actively interact and share their groundbreaking research achievements. ESCC-2015 is dedicated to promoting research and development and offers an inter-disciplinary intellectual platform for leading scientists, researchers, academics and industry professionals to actively consult, network and collaborate with their counterparts across the globe.

Why Alicante, Spain?

Alicante is one most important tourist destinations in the Spanish east coast. The many golf courses, along with the tranquil waters of the Mediterranean Sea, are part of the appeal of this beautiful harbour city, which sits at the foot of the Castle of Santa Barbara, a silent witness to the numerous civilisations to have settled here. The historic quarter, at the foot of this fortress, conceals an interesting religious and civil architectural legacy, including the emblematic Explanada de Espana (Spain boulevard), a traditional recreational area to the local residents. Alicante is also a land of deeply-rooted traditions, such as the Moors and Christians festivities and the Night of San Juan. When it comes to

Alicante's delicious cuisine, rice takes the central stage, cooked in a million different ways.

Alicante has a Mediterranean climate that features hot summers and mild winters. Alicante is protected by Northern hills and mountains which results in a constant micro climate which also limits the rainfall. It usually has no more than 20 days of rainfall every year. Famous for its excellent weather, the city invites you to take a trip along the coast or to the wonderful island of Tabarca. Along the Alicante harbor you find beautiful long alleys for nice relaxing walks, enjoying the palm trees and the mild climate. Additional to sightseeing, direct from the harbor area, a long wide sandy beach leads its way up to San Juan. Just drop your towel on the sand and enjoy a wonderful day in the sun. During summer time, Alicante with its Airport is a starting point for many Costa Blanca tourists, while during the winter month's tourists and residents tend to live along the coast in places like Benidorm, Calpe and Denia.

Conference Highlights:

- Geosciences and Geology
- Meteorology
- Geophysics and Atmospheric Sciences
- Climate Change and Extreme Weather
- Technologies and Applications of Earth Science
- Global Warming and Environmental Change
- Environmental and Marine Sciences
- Environmental Issues and Hazards
- Environmental Management
- Effect of Climate Change on Ecosystem

Why to attend?

With members from around the world focused on learning about earth science and climate change; this is the best opportunity to reach the largest assemblage of participants from all over the world. are hallmarks of this conference.

A Unique Opportunity for Exhibitors and Sponsors at this International event:

<http://earthscience.conferenceseries.com/Sponsorship.pdf>

Major geosciences Associations around the Globe:

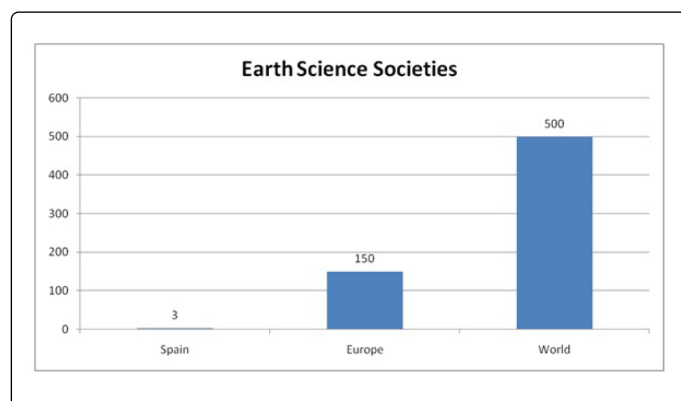
- AASP - The Palynological Society
- American Association of Petroleum Geologists (AAPG)
- American Geophysical Union (AGU)
- American Institute of Professional Geologists (AIPG)
- American Quaternary Association (AMQUA)
- American Rock Mechanics Association (ARMA)
- Association for the Sciences of Limnology and Oceanography (ASLO)
- American Water Resources Association (AWRA)
- Asociación Geológica Argentina (AGA)
- Association for Women Geoscientists (AWG)
- Association of American State Geologists (AASG)
- Association of Earth Science Editors (AESE)

- Association of Environmental & Engineering Geologists (AEG)
- Association of Geoscientists for International Development (AGID)

Major geosciences Associations in Europe

- The Geological Society of Spain
- Association of Spanish Geographers (AGE)
- European Association of Geoscientists and Engineers (EAGE)
- European Association of Science Editors (EASE)
- European Geosciences Union (EGU)
- Geological Society of Glasgow
- Geological Society of London (GSL)
- Geological Survey of Belgium (GSB)
- International Geographical Union (IGU)
- Royal Geographical Society
- Association of Geographers
- The Association of American Geographers (AAG)
- Société de Géographie de France (SGF)

Statistical Analysis of Associations



Target Audience:

Target Audience for Earth Science-2015 will be personnel from both industrial and academic fields which include; Directors/Managers, Head of Departmental, Presidents/Vice Presidents, CEO, Research Scholars and students from the related fields.

Target Fields:

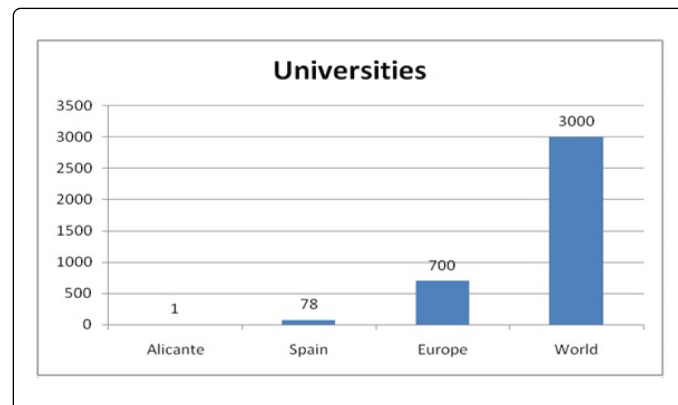
- Geosciences
- Geology
- Meteorology
- Volcanology
- Atmospheric Science
- Global Warming
- Environmental Sciences
- Companies related to geosciences
- Mining
- Remote Sensing
- Scientists & Professors in the field of geosciences

Top Universities in Spain:

- University of Alicante
- Miguel Hernández University of Elche
- Universidad Complutense de Madrid
- Universitat de Barcelona
- Universidad Autónoma de Madrid
- TechnicalUniversity of Madrid

Top Universities in Europe:

- Free University of Berlin
- Goethe University Frankfurt
- RWTH Aachen University
- University of Oxford
- University of Cambridge

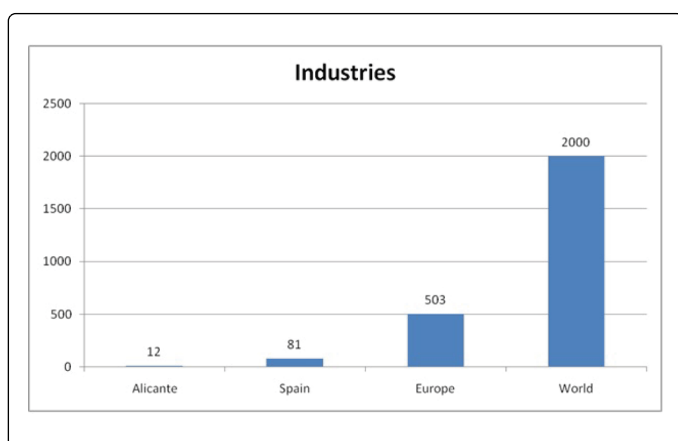


Major geosciences Industries around the Globe:

- Advanced Logic Technology (ALT) sarl
- AEL Environment
- Aeroquest Limited
- AES Marine Consultants, LLC
- Air Quality Services (AQS)
- Alpha Geoscience Pty Ltd
- American Association of Petroleum Geologists (AAPG)
- American Geological Institute
- American Geosciences, Inc. (AGI)
- Applied Geophysics Consultancy LLC
- ARC Inc.
- Arletta Environmental Consulting Inc.

Major geosciences Industries in Spain:

- Autodesk
- Esri España
- Clark Labs
- Pitney Bowes Software Inc.
- OpenStreetMap (OSM)
- OSM España
- Abengoa
- Ecoembes
- Técnicas Reunidas
- Gamesa



Glance at geosciences:

There are almost 500 societies and 3000 universities around the world for Earth Science. Europe is providing maximum funding for earth science and related field as compared to others. The contribution of geoscience to the overall European-economy amounts to more than €1.300 billion of value added along the value chain with employment for some 30 million people. The production value of domestic mining of raw materials (mainly construction minerals) amounts to €45 billion. Annually 232 million tons of raw materials are imported into the Europe, worth a total of €23 billion. Capital expenditure reduction in line with changed market conditions significant to reduction of expansion capitol from earlier anticipated level of EUR 225 million per year.

Funding for Geosciences Research:

The European Research Council (ERC) that funds junior and senior world-class researchers based in Europe, is keen on promoting

fundamental research in all areas, including Earth Sciences. Around 150 projects are currently being funded by the ERC in this field, with a total budget of € 270 million. Whereas some projects clearly fall into the ERC “Universe Sciences” or “Earth system Sciences” panels, others have an interdisciplinary nature, for instance projects looking at the impact of natural hazards on populations and environment. Determined by policy-makers as an ever important field of research that knows no boundaries, Geosciences have acquired a higher visibility across the globe, including the US academic curricula. Many ERC projects in the Geosciences address key societal challenges. The projects presented in this brochure, are investigating the role of organic aerosols in climate change and air pollution, the long-term management of forests in the preservation of the ecosystem, microscopic processes that govern the flow of magma in volcanic eruptions, the development of a new 3 dimensional model of the Earth’s mantle or monitoring of the atmosphere through GPS for predicting tsunamis.

References:

- <http://earthscience.conferenceseries.com/index.php>
- <http://earthscience.conferenceseries.com/Sponsorship.pdf>
- <http://www.geosociety.org/links/>
- <http://www.environmental-expert.com/companies/keyword-geosciences-15292/page-16>
- <http://www.cobalt-fp7.eu/pdf/2013%20-%20opening%20conference/presentations/Regueiro.pdf>
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- <http://erc.europa.eu/succes-stories/when-geosciences-tell-us-more-about-planet-earth>