

Curriculum vitae

Juan José Dañobeitia Canales

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INDEX

1. Personal Information	3
2. Academic education and qualifications	3
3. Profesional situation	3
3.1. ACTUAL	3
3.2. SUMMARY OF PROFESSIONAL ACTIVITY	4
3.3. SUMMARY OF RESEARCH ACTIVITY	5
3.4. LANGUAGES	6
4. Teaching Performance, Supervisor and Training of Research Personnel	6
4.1 Teaching positions	6
4.2 Teaching and courses	7
4.3 Supervisor of doctoral and masters theses	8
4.4 Students and researchers in charge (contracts)	8
5 Management of Scientific Research	9
5.1 PARTICIPATION IN SCIENTIFIC AND TECHNICAL COMMITTEES	9
5.2 Evaluation Committees of ANEP and other funding agencies	9
5.3 INTERNATIONAL RESPONSIBILITIES	10
6 Publications	11
6.1 ARTICLES IN JOURNALS OF SCI	11
6.2 ARTICLES IN JOURNALS NO-SCI, WITH EXTERNAL REVIEWERS	18
6.3 BOOK CHAPTERS	22
6.4 Edition Special Issues	23
6.5 OTHER PUBLICATIONS	23
7. Scientific congress, invited talks, outreach & communication	24
7.1 CONFERENCE PRESENTATIONS	24
7.2 INVITED CONFERENCES/TALKS	38
7.3 OUTREACH & COMMUNICATIONS (JOURNAL, RADIO & TV)	41
8. Funded Research, Technological & Infrastructure Projects	42
8.1 UE Projects	42
8.2 National Projects	43
8.3 Technological & Infrastructures Projects. LARGE SCALE SCIENTIFIC FACILITIES (ICTS)	45
8.4 UE CONTRACTS	45
8.5 CONTRATS WITH THE INDUSTRY	45
9. Other Merits	46
9.1 AWARDS AND DISTINCTIONS	46
10 References	46

1. Personal Information

Surname: Dañobeitia Canales

First Name: Juan José

ID: [REDACTED]

Place of birth: [REDACTED]

Date of birth: [REDACTED]

Estado civil: [REDACTED]

Address: [REDACTED]

Place: [REDACTED]

Phone: [REDACTED]

Email: [REDACTED]

2. Academic education and qualifications

<u>Doctorate</u>	<u>Centre</u>	<u>Date</u>
Marine Geophysics <i>Cum Laude</i>	U. Complutense de Madrid Director: Agustín Udías	1985
<u>Master</u>	<u>Centre</u>	<u>Date</u>
M.Sc. Geophysics with degreee	U. Complutense de Madrid Director : Enrique Banda	1980
BS in Science Physics	U. Complutense de Madrid	1979

3. Professional situation

3.1 Actual

CHIEF EXECUTIVE OFFICER, Legal Representative

Managing Director responsible of the implementation of the strategies, decisions and policies adopted by AoM European Multidisciplinary Seafloor and water column Observatory

European Research Infrastructure Consortium

Corporate Headquarters: Via Glunio Antonio Resti, 63 -00143 Rome

Registered Office: Via di vigna Murata, 605 - 00143 Rome, Italy

Tel.: +39 06 45431040

Mob: +39 3405348049

www.emso.eu

Email : juanjo.dañobeitia@emso-eu.org

3.2 Summary of working experience career

1: According to Google Scholar

1980 Awarded with scholarship at **Institute of Geophysics, ETH-Zürich (Switzerland)**
1981 Research contract in Dept. of Geophysics, **Universidad Complutense de Madrid**
1982-84 Awarded with a Ph.D. scholarship in **Vening Meisnez Lab. Univ. Utrecht (Netherlands)**.
1985: Research contract by ZWO as PhD student at the **Vening Meisnez Lab. Univ. Utrecht (Netherlands)**.
1985: **Ph.D. in Marine Geophysics** Doctoral Thesis "Submarine Geophysical Study around the Canary Archipelago. Cum Laude in U. Complutense de Madrid.
1985-86 Awarded under the competitive programme of "recuperation of Spanish scientist abroad" at the **Dept. of Geophysics in the U. Complutense de Madrid**.

1986 CSIC, **Institute of Marine Sciences-Barcelona**; Researcher A1

- Got a permanent position under a competitive process
- To develop research programmes, student advice, set up marine software, etc.

1988 Appointed as **Director of Marine Geosciences Dept. at the Institute of Marine Sciences, Barcelona**

- Teaching Marine Geophysics to PhD students
- Reorganize the Marine Geosciences Dept. by using much more geophysical techniques.

1988-89 Lecturer at the **Polytechnic U. of Barcelona, Civil Engineering**

- Teaching geophysics mostly applied to marine environments

1989-90 **Honorary Professor at the Polytechnic University of Barcelona, Civil Engineering**

1992-02 Appointed **Researcher A2 at the Institute of Earth Science CSIC, Barcelona**

1994 Awarded as **Professor in Geophysics at the Cambridge University (UK)**, funded by the **FBVA Foundation**.

- To work at **Bullard Labs. in multichannel seismic** for 6 months.

1994 Lecturing at the Seminar "Oceanic Lithosphere" at **Oxford University (UK)**

1994 Lecturing at the Seminar "Deep Oceanic Crust" at **Bullard Laboratories, Cambridge University (UK)**

1997-00 Appointed as **Director of the Geophysical Dept. at the Earth Science Institute "Jaume Almera" in Barcelona**

- To set up techniques such a **MCS and wide- angle seismic** at marine environments.

1999-00 Lecturer at the **Summer Courses at Polytechnic University of Barcelona, Campus Mediterranean, Vilanova, Telecommunications Engineering**

Teaching Marine Geophysics to electrical and telecommunications engineers

2000 Appointed as **Lecturer at the University of Barcelona**

- Teaching mechanics

2001 Lecturer at the **Doctorate Programme at the Universidad Complutense de Madrid, Dept. Geodynamics**.

- Geophysical methods applied to Marine Geosciences

2001-12 Appointed by the Presidency of the CSIC as **Director of the new Marine Technological Unit (UTM)**

- With the goal to create a competitive **Institute merging scientists and technicians** in the marine sciences, and to design a new **Research Vessel**, incorporating modern testing and sampling techniques on board **Spanish Oceanographic Vessels**.
- During this time managed to assemble in the scientific aspect a group of 23 researches (8 senior scientist, 6 post-doc position, and 9 doctoral researches).
- And in the technical side, a group of experienced technicians in the field of marine and polar research (geophysical, oceanography, electronic, telecommunications, shipping

construction, etc.). Now, the technical staffs are over 40 people, plus the crew members for the RV's.

2002 Appointed as **Professor in Marine Geophysics at the CSIC**

- In a competitive call.

2002-12 Appointed as **Director of the Large Scale Spanish National Facilities (ICTS)**

Responsible of **Polar Research Vessel (Hespérides)**, of the **Oceanic RV (Sarmiento de Gamboa)**, of the **Regional RV (García del Cid)**, and of the **Spanish Antarctic Station Juan Carlos I**, located in Livingston Island.

2005: Preparation, presentation and defence of the **Strategic Plan 2006-2009** with an **International Review Panel** with a very high score within the **Area of Natural Resources** in the CSIC.

2009: Preparation, presentation and defence of the **Strategic Plan 2010-2013** with an **International Review Panel** with a very high score within the **Area of Natural Resources** in the CSIC. This time with special emphasis in the future of the **Spanish Research Fleet and Polar Stations** presented separately as **Large-Scale Infrastructures**. The Score was very high and promising

2014: Assessor of **German Federal Committee** for the "Evaluation of the Capacity utilization of the German Research Vessels owned by the Federal Ministry of Education and Research"

2015

2014: Wp-leader in recent approved EU project (**EU-PolarNet**), H2020-BG-2014-1, Pro. 652641,

2015: Wp-leader in recent approved EU project (**EMSODEV**); H-2020, INFRA-0098

2016: Member of the « **Comité d'orientation stratégique et scientifique** » IFREMER- France, since mid 2016.

2016: Member of the **Cruise Programme Review Group (CPRG) UK**–July 2016 to July 2019

2018: Director General of **EMSO ERIC**, hosted at **INGV- Rome (Italy)**

2019: Leading as **CEO** several **H2020 Projects** within **EMSO ERIC**, **EMSO-link**, **ENVRJ FAIR**, **ERIC Forum**, **Eurofleets plus**, etc

3.3 Summary of Research Activity

- Participation in more than 60 granted National, European (see Annex-II) and International Research and Technological Projects, more than 60% as Principal Investigator.
- More than 150 scientific publications, most of them in Science Citation Index (SCI) papers (see Publications)
- More than 200 presentations in National and International meetings
- Participation in 12 Geophysical onshore surveys, under granted programmes.
- Participation in more than 20 Marine Geophysical granted Research Programmes (10 as PI) on board Spanish, Netherlands, German, Italian, British RV's, all around oceans in the world as Atlantic, Pacific, Indian, Mediterranean, Caribbean, etc.
- Student advisor of 10 national and international students.
- Director of 4 Ph.D. Thesis, director of 3 Msc. Thesis.
- Convener of many Marine Geophysical sessions in National & International meetings.

- Organizer of many National & International workshops and symposium related to Marine Geophysical researches and Technical matters.
- Long stays at Bedford Institute, Halifax, Canada, for the compilation of the North Atlantic Magnetic Chart.
- Teaching and lecturing post-doctoral students at Universities and Technological Centres as: U. Barcelona, Polytechnic U. of Barcelona, U. Complutense de Madrid, U. Cambridge (UK), U. Oxford (UK), U. of Utrecht (Netherlands), Geomar (FRG), etc.
- Set up of the first Submarine Laboratory, **OBSEA**, near Barcelona Co-leader together with U. Polytechnic of Catalonia, Barcelona
- CONVENER the Session "Geodynamics of the Pacific Margin of the Americas" ORAL & Posters, at the AGU FALL MEETING, San Francisco 15th December 2014. <https://agu.confex.com/agu/fm14/meetingapp.cgi#Session/3171>
- Chairman at the oral session; "Geodynamics of the Pacific Margin of the Americas". at the AGU FALL MEETING, San Francisco 15th December 2014. <https://agu.confex.com/agu/fm14/meetingapp.cgi#Session/4931>
- Bandy, W.L., Dañobeitia, J., Mortera Gutiérrez, C. et al., Co-editors of Special Issue (10) in *Pure and Applied Geophysics*, October 2016, Volume 173,
- Chairman at the 9th AHPGG: *Seismology and physics of Earth interior*, Madrid, June 2016.
- Chair of 7th International Workshop on Marine Technology, MARTECH-16, October 2016, No of participantes around 80 personnes.
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3.4 Languages

- Fluent in Spanish (mother language), English, French, Catalan
- Knowledge of Italian

4. Teaching Performance, and Training of Research Personnel

4.1 Teaching positions

- Doctoral lecturer, UPC, Polytechnic University of Catalonia, 1988-1989
- Honorary lecturer, UPC, Polytechnic University of Catalonia, 1989-1990.
- Doctoral lecturer, University of Barcelona, Faculty of Geological Sciences, 1992-1994.
- Invited lecturer, University of Cambridge (UK), January-March 1994
- Lecturer, Campus Universitari de la Mediterranea, July 1999, July 2000
- Doctoral lecturer, Universidad de Barcelona, Faculty of Geological Sciences, 2000.
- Doctoral lecturer, Universidad Complutense de Madrid, Faculty of Geological Sciences, 2001

4.2 Teaching and courses

- Geophysical training and handling of marine gravimeter and magnetometer onboard Netherland Oceanographic vessels. Years 1981 and 1982 (Practical course given to students aboard the oceanographic vessel *M/V TYRO*)
 - Introduction to Potential fields and their Application in Marine Geophysics. Inst. "Jaime Almera" (CSIC), 1986.
 - Doctoral course, Marine Sciences Program, subject: "Mechanisms of fracturing, lithospheric thinning and thermal rejuvenation", Polytechnic University of Catalonia, Barcelona, 1988.
 - Doctoral course, Tectonics and Geophysics Program, subject: "Geodynamics, Plate kinematics, Atlantic reconstruction models", University of Barcelona, Faculty of Geological Sciences, 1992-93
 - PhD course, lithosphere processes "Microplate dynamics in the South Pacific". Departament de geologia Dinamica, Geofísica i Paleontologia, U. de Barcelona, 1994.
 - "Deep oceanic crust" seminar, Bullard Laboratories University of Cambridge (Great Britain). January 1994.
 - Seminar "Oceanic lithosphere", "Geophysical investigations around the Canaries (Mesozoic oceanic crust)". University of Oxford (Great Britain), February 1994.
 - Doctoral course: Instrumentation and methods in geophysics and marine geology ". University of Barcelona, Faculty of Geological Sciences, April-2000.
 - Summer Courses Campus Universitari de la Mediterrànea organized by the Polytechnic University of Catalonia (Campus Vilanova i la Geltru), course of oceanographic Instrumentation: System of acquisition, processing and modeling in Marine Geophysics, July 1999, July 2000.
 - Course; Techniques of investigation in oceanography, Geophysical Methods: Application in Marine Geosciences. Complutense University of Madrid, Dept. Of Geodynamics, Fac. Geology. November 2001.
 - 154/5000
 - **Risks and Tsunami Hazards of in Spain. Prediction and Alert Systems. The Submarine Observatories in the international field, Juanjo Dañobeitia. Dirección General de Protección Civil y Alertas, Madrid 13 Septiembre 2010. Escuela Nacional de Protección Civil <http://hdl.handle.net/10261/42250>**
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- **Ocean Observatories: A Multichallenge to Survey Earth Environmental Process, by Juanjo Dañobeitia & Jordi Sorribas. Tutorial in IEEE (8 horas) OCEANS 2011, SANTANDER, SPAIN, 6 al 9 Junio 2011, <http://www.oceans11ieeesantander.org/main.cfm/EID/22/Tutorials/>**
 - **New marine infrastructures and technology development, application to Tsunami Early Warning System: EU Research Infrastructure EMSO European Multidisciplinary Seafloor and water-column Observatory, J.J. Dañobeitia, P. Favali, L. Beranzoli, P.L. Franceshini, J. Plera and EMSO Partners. En Jornadas El Riesgo de Maremotos en España. Proyecto de la Directriz Básica de Protección civil ante el riesgo de Maremotos, 29 y 30 Septiembre 2014. Escuela Nacional de Protección Civil**

4.3 Supervising doctoral and masters theses

Doctoral Thesis

- Interacción Litosfera Oceánica-Punto caliente: Aplicación al Volcanismo Intraplaca (Archipiélagos de Canarias y Sociedad) y Dorsal Mesoceánica. Juan Pablo Canales Cisneros. Cum Laude. **Marzo 1997**. Award for the best doctoral thesis in applied geophysics awarded by the "Fundación García Sifneriz", 1997-98. (<http://www.fundaciongarciasifneriz.es/index.php?lang=en>)
- Estructura Litosférica del Istmo de Costa Rica (América Central): Efectos del Magmatismo en el Margen Convergente de un plateau Oceánico Award for the best doctoral thesis in applied geophysics awarded by the "Fundación García Sifneriz", Valentí Sallarés Casas, Apto Cum Laude. **Mayo 1999**.
- Evolución tectónica del margen continental oeste de México: Fosa Mesoamericana y Golfo de California (CORTES-P96). Rafael Bartolomé. **Mayo 2002**. Award for the best doctoral thesis in applied geophysics awarded by the "Fundación García Sifneriz", 2003
- Multidimensional Techniques of Signal Processing Applied to Seismic Data. Sergi Ventosa Rahuet, Directors; C. Simon, M. Schimmel, **J.J. Dañobeitia**. U. Politècnica Catalunya **Marzo 2010**

Master Thesis

- Tesis de Licenciatura, Univ. de Barcelona, **1993**: "Análisis Espectral de la Estructura Litosférica en el Archipiélago Canario". Juan Pablo Canales Cisneros. Rating: Outstanding
- Tesis de Licenciatura, Univ. de Barcelona, **Marzo 1996**: " Tomografía sísmica a partir de terremotos locales. Aplicación a las Cordilleras Béticas y Mar de Alborán. Valentí Sallarés Casas. Calificación: Excelente. Award for the best Master thesis in applied geophysics awarded by the "Fundación García Sifneriz", call 1996-97

DEA (Research work)

- "Evolución Geodinámica del Golfo de California". Rafael Bartolomé, **Mayo 1998**, 1-60 pp.

4.4 Students and researchers in charge

Pre and Post-doc:

- Dr. Juan Pablo Canales, 1992-1997, Now Associate Scientist at WHOI, USA
- Dr. Valentín Sallarés, 1996- 1999, Now Permanent A1 Scientist at ICM-CSIC, Spain
- Dr. Rafael Bartolomé, Ramón y Cajal, 2009-2015, Now, Permanent Scientist at ICM-CSIC, Spain
- Dra. Eulalia Gracia, post-doc contract MEC, 01/01/2000-01/09/2001 (Proyecto MAIAE), Now Permanent Scientist at ICM-CSIC, Spain
- Dra. Eulalia Gracia, post-doc contract CIRIT, 12 months 1999 (Proyecto BIGSETS)
- Dr. Javier Escartín, post-doc contract MEC, 12 months 1998 (Proyecto MAIAE). Now permanent position at IGP, France
- Dra. María José Jurado, Post-doc contract MEC 12 months 1999 (Project BIGSETS), Now Permanent Scientist at Earth Science Institute- CSIC, Spain
-

Foreign researchers

- Dr. Claudio Lo Iacono, contract, 5/11/2010 till 24/04/2012 Project EUROFLEETS. Now, Permanent position at NOC-UK
- Dra., 6 months, 19/10/2009 till el 18/04/2010 Project EUROFLEETS, Marine Institute, Galway, Ireland. Now at Marine Institute, Ireland
- Dr. Claudio Lo Iacono, contract, 15/06/2006 al 31/05/2007 Project EMSO
- David Graindorge; 6 months, 1998, Lab. de Geosciences Marines, Villefranche-sur-mer, France. Now at UBO, Brest, France
- Dr. Tim Minshull, 12 months, 1998, University of Cambridge, UK, Now permamnet position at NOC, Uk
- Dr. A.P. Slootweg, sabbatical, 1989, University of Utrecht, Netherlands. retired

5. Management of scientific research

5.1 Participation in Scientific and Technical Committees

- *National Commission to elaborate "National Plan of Science and Marine Technologies" 1995.*
- *Permanent member of the National Commission of Geodesy and Geophysics (Physical oceanography Section) Order March 25, 1999 (BOE N°80, April 3, 1999).*
- *Scientific Committee of the "Hispano-Portuguese Assembly" in Geodesy and Geophysics. Marine Geophysical Section. 2000.*
- *Organizing Committee of the Ministry of Science and Technology for the tenth anniversary of Polar vessel HESPERIDES, 2001.*
- *Member of the Prestige (oil spill disaster) Advisory Committee, Nov-2002-Feb-2003.*
- *Advisor to the Secretary of State of the Ministry of Science and Technology on marine issues related to the "Prestige" disaster, 2003.*
- *Commission of the National R & D Plan, in Earth Sciences, 2003*
- *Scientific Advisor of the Technological Naval Center of Cartagena, Nov. 2003*
- *Coordinator of the Technical Commission for the construction of the new RV "Sarmiento de Gamboa", Nov. 2003.*
- *Chairman of the Technical Committee for the construction of the RV Sarmiento de Gamboa (2004)*
- *Member of the Spanish Polar Committee (2005-)*
- *Member of the National Commission for the launching the RV Sarmiento de Gamboa (January, 2006).*
- *Appointment by Ministry of Science and Technology to prepare the conceptual design project for the renewal of Antarctic Station Juan Carlos I. 2007-08*

5.2 Evaluation Committees of ANEP and other funding agencies

- *Evaluator of the European MAST III Program (November 1996).*

- *National Agency of Evaluation and Prospecting (ANEP) years 1995 to 1999, 2015*
- *Member of the Evaluation Committee of FP6-2003-Global-2 "Global Change and Ecosystems" (March 2004)*
- *Evaluation Committee for pre and postdoctoral fellowships. Area of Earth sciences. Basque Government, 2000 & 2001.*
- *National Assistant Advisor (ANEP), Earth Sciences Section, 2001.*
- *Evaluation Commission of the "Ramon y Cajal" Program. Area of Earth Sciences (Calls 2001 and 2002).*

5.3 International Responsibilities

- *Representative in the constitution of "Observatories and Research Facilities for European Seismology" (ORFEUS) (Amsterdam, October 1987).*
- *Spanish representative & Co-convenor in the Workshop of the "European ARISTOTELES satellite", Noordwijk (Netherlands) (May 1991).*
- *Spanish representative in the ESA-NASA Workshop on the Solid-Earth Mission ARISTOTELES. Italy (September 1991).*
- *Responsible of Section I: Solid Earth Geophysics (European Geophysical Society) sub-section 9. - Marine Geophysics. Period 1993-1999.*
- *Spanish Representative in the 'InterRidge Steering Committee' Period: 1995-1999*
- *Spanish Representative in the European Science Foundation (ESF), EMaPs (Appointed in December 1998).*
- *Elected for the Executive Committee of the Marine Board of the ESF (Paris, 1999).*
- *Spanish Representative in Ocean Drilling Project (ODP), in the Panel Pollution & Safety (PPSP). January 1999.*
- *Appointed as member of the European Research Vessel Operator (2004)*
- *MOU between NERC and CSIC on Arrangements for seismic capabilities collaboration*
- *MOU together with INACH (Chile), and Bulgarian Antarctic Institute for logistics cooperation and optimize national resources*
- *Spanish delegate at the Antarctic Treaty Council of Managers (ATCM), 2008-12*
- *Elected Chairman of the European Research Vessel Operator (ERVO) for two years period, Oristano, Italy. 2011-2013.*
- *Elected Vice chairman of the Council of Managers of National Antarctic Programme (COMNAP) for three years period, 2011-2014*
- *Elected ExCom of the New European Research Vessel Operator (ERVO) period, 2015*
- *Appointed as Spanish representing at the European Polar Board (EPB), 2015*
- *Elected as member to define the European Polar Strategic Plan 2015-2020, May 2015.*
- *Member of the Cruise Programme Review Group (CPRG) UK- July 2016to July 2019*
- *Member of the « Comité d'orientation stratégique et scientifique » IFREMER- France, since mid 2016.*

JJD

153. Martínez-Loriente, S., Gràcia, E., Bartolome, R., Perea, H., Klaeschen, D., **Dañobeitia, JJ**, Zitellini, N., Wynn, R., Masson, D., Morphostructure, tectono-sedimentary evolution and seismic potential of the Horseshoe Fault, SW Iberian Margin, *Basin Research*, online, doi: 10.1111/bre.12225, **2016**

152. Kennicutt II M. C., YD Kim, M Rogan-Finnemore, S Anandkrishnan, S L Chown, S Colwell, D Cowan, C Escutia, Y Frenot, J Hall, D Liggett, A J McDonald, U Nixdorf, M J Siebert, J Storey, A Wählin, A Weatherwax, G A Wilson, T Wilson R Woodling, S Ackley, N Biebow, D Blankenship, S Bo, J Baeseman, J A Cárdenas, J Cassano, C Danhong, **J J Dañobeitia**, J Francis, J Guldaahl, G Hashida, L Jimenez Corbalan, A Klepikov, J Lee, M Leppe, F Lijun, J López-Martínez, M Memolli, Y Motoyoshi, R Mousalle Bueno, J Negrete, M A Ojeda Cárdenas, M Proaño Silva, S Ramos-García, H Saia, H Shin, X Shijie, K Shiraishi, T Stockings, S Trotter, D G Vaughan, J Viera Da Unha De Menezes, V Vlasich, Q Weijia, J-G Winther, H Miller, S Rintoul, H Yang. *Delivering 21st century Antarctic and Southern Ocean science*, Antarctic Science, Vol.28, Issue 6, 407-423. December **2016** <https://doi.org/10.1017/S0954102016000481>

151 Ximena Moreno, Eulàlia Gràcia, Rafael Bartolomé, Sara Martínez-Loriente, Héctor Perea, Laura Gómez de la Peña, Claudio Lo Iacono, Elena Piñero, Ralmon Pallàs, Eulàlia Masana, **Juan José Dañobeitia**, Seismostratigraphy and tectonic architecture of the Carboneras Fault offshore based on multiscale seismic imaging: Implications for the Neogene evolution of the NE Alboran Sea, *Tectonophysics*, Vol. 689, **15 October 2016**, Pages 115–132

150. Ibáñez, Jesús M., Prudencio Janire, Díaz-Moreno, A., Patané, D., Puglisi G., Lühr, B.-Gottfried, Carrón, F., **Dañobeitia, J. J.**, Coltelli, M., Bianco, F., Del Pezzo, E., Dahm, T., Willmott, V., and Valérie Mazauric. The TOMO-ETNA experiment: an imaging active campaign at Mt. Etna volcano. Context, main objectives, working-plans and involved research projects, *ANNALS OF GEOPHYSICS*, 59, 4, 2016, S0426; doi:10.4401/ag-7079, **2016**.

149. Bandy, W.L., **Dañobeitia, J.**, Mortera Gutiérrez, C., Taran, Y., Bartolome, R., Introduction to the Latin American Pacific margins, *Pure Appl. Geophys.*, 173, 3213-3216, doi: 10.1007/s00024-016-1404-y, **2016**

148. **Dañobeitia, JJ**, Bartolome, R., Prada, M., Nuñez-Cornú, F., Córdoba, D., Bandy, W., Estrada, F., Cameselle, A. L., Nuñez, D., Castellón, A., Alonso, J.L., Mortera, Carlos A., Ortiz, M., Crustal architecture at the collision zone between Rivera and North American plates at the Jalisco Block (TSUJAL project), *Pure and Applied Geophysics*, 173, 3553-3573, doi:10.1007/s00024-016-1388-7, **2016**

147. Bartolome, R., Górriz, E., **Dañobeitia, J.J.**, Cordoba, D., Martí, D., Cameselle, A. L., Núñez-Cornú, F., Bandy, W., Mortera, Carlos A., Nuñez, D., Castellón, A., Alonso, J.L., Multichannel seismic imaging of the Rivera Plate subduction at the seismogenic Jalisco Block area (Western Mexican margin), *Pure and Applied Geophysics*, 173, 3575-3594, doi:10.1007/s00024-016-1331-y, **2016**

146 Mairi M.R. Best, Paolo Favali, Laura Beranzoli, Jérôme Blandin, Namik M. Çağatay, Mathilde Cannat, **Juan José Dañobeitia**, Eric Delory, Jorge M.A. de Miranda, Joaquin Del Rio Fernandez, Henko de Stigter, Mick Gillooly, Fiona Grant, Per O.J. Hall, Susan Hartman, Joaquin Hernandez-Brito, Nadine Lanteri, Juergen Mienert, Gheorge Oaie, Jaime Piera, Vlad Radulescu, Jean-Francois Rolin, Henry A. Ruhl, Christoph Waldmann, and all contributors to the EMSO Consortium. The EMSO-ERIC Pan-European Consortium: Data Benefits and Lessons Learned as the Legal Entity Forms. *Marine Technology Society Journal* 50(3):8-15, DOI: 10.4031/MTSJ.50.3.13, **May 2016**

6. PUBLICATIONS

Articles in journals of SCI (85 publications)

160. CS Serra, S Martínez-Loriente, E Gràcia, R Urgeles, A Vizcaino, H Perea, Rafael Bartolome, Ralmon Pallàs, Claudio Lo Iacono, Susana Diez, Juanjo Dañobeitia, Pedro Terrinha, Nevio Zitellini. Tectonic evolution, geomorphology and influence of bottom currents along a large submarine canyon system: The São Vicente Canyon (SW Iberian margin). Marine Geology Volume 426, August 2020, 106219. <https://doi.org/10.1016/j.margeo.2020.106219>

159. Dañobeitia, J. J., S. Pouliquen, T. Johannessen, A. Basset, M. Cannat, B. G. Pfell, M. I. Fredella, P. Matera, C. Gourcuff, G. Magnifico, E. Delory, J. del Río Fernandez, I. Rodero, L. Beranzoli, I. Nardello, D. Iudicone, T. Carval, J. M. Gonzalez Aranda, G. Petihakis, J. Blandin, W. L. Kutsch, J.-M. Rintala, A. R. Gates, and P. Favali. 2020. Toward a Comprehensive and Integrated Strategy of the European Marine Research Infrastructures for Ocean Observations. *Frontiers in Marine Science* 7:180. doi: 10.3389/fmars.2020.00180

158. Juan Luis Carrillo-de la Cruz, Diana Núñez, Felipe de Jesús Escalona-Alcázar, Francisco Javier Núñez-Cornú, Antonio González-Fernández, Diego Córdoba and Juan José Dañobeitia. Tectonic Analysis of the Southern of María Cleofas Island from Bathymetric and Seismic Data. *Seismological Research Letters* (2019) 90 (5): 1748–1755. <https://doi.org/10.1785/0220180398>

157. Diana Nuñez, Francisco J. Núñez-Cornú, Felipe Escalona, Juanjo Danobeitia, and others, 2019. Seismic Structure of the Southern Rivera Plate and Jalisco Block Subduction Zone, *Seismological Research Letters* (2019) 90 (5): 1756–1766. DOI: 10.1785/0220180399

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370

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- BIO HESPERIDES MIDLIFE UPGRADE PROGRAM November 2003- September 2004. ERVO 2005, 7-8 April, Lisbon, Portugal
- Contexto Europeo de la Investigación Marina en el marco del Espacio Europeo de la Ciencia. MarinERA. Jornadas sobre Divulgación Científica: Investigar el Mar en el siglo XXI: Compartiendo el conocimiento con la sociedad, Barcelona 18-19 Mayo 2005
- Ciencia y Tecnología Marina en España. El desafío de investigar en Oceanografía y las regiones Antárticas. Ciclo de Conferencias, Un Mar de Recursos. Fundación Ramón Areces, Octubre 2005, Vigo.
- Oceanographic Research Fleet: Spanish activities on 2005. 19th ISOM-2005 INDIA 25 & 26 October, NIOT, Chennai
- Spanish seafloor mapping activities. 19th ISOM-2005 INDIA 25 & 26 October, NIOT, Chennai
- Campaña Antártica 2005 – 2006: BIO Hespérides, Bases Antárticas Juan Carlos I y Gabriel de Castilla. Presentación Programa a la partida del BIO Hespérides el 2 Diciembre de 2005
- New Spanish Research Vessel Sarmiento de Gamboa. MARTECH- 17 & 18 November 2005; Vilanova i La Geltru.

2006

- Spanish Antarctic Scientific Infrastructures. EPICOM MEETING European Consortium Meetings Brussels, 11-12 April 2006
- The Marine Technology Unit. Eutop-Meeting Rome 12 April 2006
- BUQUE OCEANOGRÁFICO Sarmiento de Gamboa. Instituto Ciencias del Mar de Andalucía 3 de Mayo 2006,
- Logística Española en la Antártida: Infraestructuras Científicas. L'Oceanografic de Valencia España en la Antártica. Un laboratorio entre hielos Valencia, 23 de Mayo 2006
- Las Ciencias Marinas: Un desafío tecnológico. Desafíos Científicos de la Investigación Marina en el siglo XXI, Escuela Ciencias y Tecnologías Marinas Augusto González de Linares 6 Julio 2006, Santander
- Logística y Apoyo tecnológico a las Investigación Antártica Española. VII Simposio Español de Estudios Polares Granada, 18-20 septiembre 2006
- Spanish Land-based Infrastructures. MarinEra Infrastructure Forum San Feliu Guixols, 4th October 2006
- MARTECH: International Workshop on Marine Technology. Martech: Vilanova i La Geltru 17 & 18 November 2006.
- La Unidad de Tecnología Marina. CSIC-DFO, en Organización Central CSIC Madrid 14 Sep. de 2007.
- Logística Española en la Antártida. Infraestructuras Científicas. BULGARIA Y ESPAÑA VECINOS EN LA ANTÁRTIDA Instituto Cervantes de Sofia, Bulgaria 17 de Octubre 2006.
- NEAREST CSIC contribution. Nearest, Kick-off meeting Bologna, 9-11 October 2006
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2007

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- Instalaciones Singulares en la Antártica. Un desafío Tecnológico para la Investigación Antártica Española. En el ciclo "Investigación en la Antártica". Facultad de Ciencias de la Información, Universidad Complutense de Madrid. 14 de Marzo 2007.
- INVESTIGACIÓN POLAR ESPAÑOLA CONTRIBUCIÓN NACIONAL. EN EL AÑO POLAR INTERNACIONAL. Presentación Actividades Polares Españolas durante el Año Polar Internacional, Invitado Gobierno Región Ushuaia, 5 de Marzo del 2007.

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- Long Term Multidisciplinary Deep Sea Observatories: How to find Compromise between Scientific Needs, Technological Capabilities and Financial Resources. Person et al. (entre otros Dañobeitia), Oceans 07, Aberdeen 19-21 June 2007.
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- España en el Año Polar Internacional. Presentación Campaña Ártica a bordo del BIO Hespérides, frente a los Ministros de Ciencia y Educación y Ministro d Defensa. 19 de Junio de 2007, Vigo.

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- Cambio Climático; Algunas Reflexiones, Instituto Cervantes de Sao Paulo, Brasil, 5 Junio 2008.
- El Año Polar Internacional; Cambio Climático; Algunas Reflexiones. Instituto Cervantes de Sofia, Bulgaria, 25 Junio 2008.
- Campaña Antártica Española 2008-09. Colaboración entre Departamento de Salud y Consumo y el CSIC. Gobierno de Aragón, Zaragoza, 9 Julio 2008.
- Geociencias Marinas Infraestructuras Españolas. Conferencia Invitada y Mesa Redonda. VIII Congreso de Geología, Las Palmas de Gran Canaria 18 Julio 2008.
- Cambio Climático: Algunas Reflexiones. CECA, Zaragoza, 10 Septiembre 2008.
- 1st ESF Exploratory Workshop on Seismic Oceanography. Begur, Barcelona, 19 November 2008.

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- BAE Juan Carlos I. Un Reto para la Investigación Polar Española. Antártida. Ciencia en un continente helado Parque de las Ciencias, Granada 1 Abril 2009
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- Mechanisms for logistic collaboration and sharing facilities. Juanjo Dañobeitia & Miguel A. Ojeda, UTM-CSIC, Barcelona, Spain, José Retamales, INACH, Punta Arenas, Chile. XXI COMNAP Meeting, 2-3 August, Punta Arenas, Chile.
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- European Multidisciplinary Seafloor Observatories (EMSO). Panel de Evaluación Proyectos ESFRI MEDIOAMBIENTE, Madrid 21 Octubre 2009
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- The UTM-CSIC: Service and Research Activities for the Spanish Marine and Polar Science, Juanjo Dañobeitia & Jordi Sorribas. Canada-Spain, Oceans Sciences meeting in Neptune Observatory. Victory Vancouver, 30 Octubre 2009.

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- Large Scale Marine & Polar Infrastructures A Service for Research Activities for the Spanish Scientist. Reunión Trabajo INACH-CSIC; 10 Diciembre 2009, Punta Arenas

2010

- Marine Sciences in the Natural Resources Area of the CSIC, C. Ranero & J.J. Dañobeitia, Seabed New Frontier, Madrid 24-26 February 2010.
- Los Observatorios Submarinos en el ámbito internacional. Reunión Red ICTS Marinas, Madrid 17 Febrero 2010
- La Transformación de la Tierra: Un planeta dinámico y convulso hasta la armonía, Ciclo Conferencias, Sostenibilidad, Ibercaja, Enero 2010, Zaragoza.
- Seafloor Observatories from experiments and projects to the European permanent underwater infrastructure EMSO by Juanjo Dañobeitia, Paolo Favali, Laura Beranzoli. ECRI2010-Barcelona, 23-24 de Marzo de 2010.
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- Cambio Climático: Un Viaje a través del tiempo. Instituto Cervantes, 27 Octubre 2010, Sofia (Bulgaria).
- Grandes Infraestructuras Marinas Y Polares (ICTS). Dispositivos fundamentales para responder a los requerimientos de de investigación internacional en el ámbito Medioambiental. Ministerio de Ciencia e Innovación, 12 Noviembre 2010. <http://hdl.handle.net/10261/41869>
- Large Scale Marine & Polar Infrastructures; a Service for Research Activities for the Spanish Scientist. Canada – Spain Arctic Ocean Science Workshop Westin Hotel, Ottawa, 14 Dec 2010.

2011

- *Session in Outreach & Cooperation: European Research Vessel Operators (ERVO) by Juanjo Dañobeitia, 24th IRSO annual meeting, 25th-27th May 2011, University of Washington, Seattle, Washington USA. <http://irso.uwols.org/wp-content/uploads/IRSO-2011-Meeting-Minutes-FINAL.pdf>*

2012

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2013

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- Polar Vision initiative for Access to Polar Vessels JJ Dañobeitia, M. Ojeda, N. Biebow, V. Willmott, H. A. Thomsen and M. Tannerfeldt. COMINAP Workshop on Icebreakers; SA Agulhas, 21st – 23rd October 2013, Cape Town
- En el marco del Proyecto CEST+I (Chile-European Union STI Initiative): The Spanish Antarctic Science Structure Program and some European Initiatives by Juanjo Dañobeitia, Workshop 28-29 November 2013, Punta Arenas, Chile.
- EUROFLEETS2 – POLAR RESEARCH Polar Vision initiative for Access to Polar Vessels, JJ Dañobeitia (UTM-CSIC), M. Ojeda (UTM-CSIC), N. Biebow (AWI), V. Willmott (AWI), H. A. Thomsen (DTU), and M. Tannerfeldt (SPRS), 26th IRSO annual meeting, 30th Oct – 1th November 2013, St. John's, Canada. <http://www.irso.info/wp-content/uploads/IRSO-2013-Minutes-FINAL-Accepted-at-IRSO-2014.pdf>

- Serie de artículos en "La Voz de Galicia", con motivo de la crisis sísmica (Agosto, 1997). Entre otros una sección dedicada a científicos españoles en Ciendas de la Tierra, nominada "Quien es quien".
- Disemination paper about Canary Archipelago (October, 1997)
- Disemination paper in suplement 'Futuro' published by a Spanish biggest newspaper 'El País' (November 1997)
- Online interview (1h) In a well-known national radio programme "La Rosa de los Vientos", under the topic Dynamic of the Earth, September 2001
- Science week, Conference: **10 años de Investigación en el BIO Hespérides**, Barcelona en el CMIMA. Novembre 2001,
- Science & Logistics in Spanish Antarctic Surveys, **Seminar Spain and Antarctica 1603-2003** (Seminario España y La Antártida 1603-2003). Escuela Diplomática de Madrid, 19 Diciembre 2003.
- Disemination paper, **Análisis de la Investigación Antártica Española (2005)**. In the suplement of a large Spanish newspaper *El Mundo*, Diciembre 2005.
- Hespérides la ciencia española surca la Antártida** Publicado el 22/12/2005 en el Cultural de EL Mundo.
- OCEANOGRAFÍA Laboratorios marinos Un barco que puede manejar robots., BO Sarmiento de Gamboa** El País.com Vigo - 01/02/2006.
- El 'Sarmiento de Gamboa' contará con un robot no tripulado sumergible.** elmundo.es, 22/05/2007.
- La fase científica de la Campaña Antártica Española 2007-08- EFE Redacción Internacional - 22/11/2007
- BO Sarmiento de Gamboa. Un laboratorio en altamar.** El País Domical. Elpais.com 27/05/2007.
- El 'Hespérides' finaliza su campaña científica en el Ártico con una escala en Santander** EFE , Madrid / Santander } 29/08/2007
- A Marine RTD Infrastructure Strategy for Member States.** MarinERA Publication No.10, among other contributors. April 2009.
- Large National Newspaper (EL Mundo, Julio 2009). **Entra en funcionamiento el primer laboratorio submarino de España.**
- Large National Newspaper (EL Mundo, Nov. 2009). **Un laboratorio español para detectar tsunamis** (<http://www.elfmundo.es/elfmundo/2009/11/12/ciencia/1258040494.html>)
- National RTVE Programme (2010): "tres catorce". Antarctic Research (<http://www.rtve.es/alacarta/videos/tres14/tres14-juanjo-danobeitia/672329/>).
- Periódico; Laopinión.es 1 DICIEMBRE DEL 2011. Entrevista motivo Crisis Volcánica de El Hierro. Una ecografía detectará si existe boca eruptiva al Norte de El Hierro.

8 Research projects

8.1 Ongoing and more recent EU funded projects

EMSO-Link, Implementation of the Strategy to Ensure the EMSO ERIC's Long-term Sustainability, Grant Agreement no 731036, funded under H2020-INFRADEV-03-2016- 2017, 01/03/2017 – 31/08/2020.

ENVRI-FAIR, ENVIRONMENTAL RESEARCH INFRASTRUCTURES BUILDING FAIR SERVICES ACCESSIBLE FOR SOCIETY, INNOVATION AND RESEARCH, Grant Agreement no 824068, funded under H2020-INFRAEOSC-2018-2, 01/01/2019 – 31/12/2022.

EMSO-PP, European Multidisciplinary Seafloor and water-column Observatory-Preparatory Phase, funded in FP7, 2008-2012.

JSD

- *Commercial Charter Experiences; BO Sarmiento de Gamboa* by J.J. Dañobeitia, 26th IRSO annual meeting, 30th Oct – 1st November 2013, St. John's, Canada. <http://www.irso.info/wp-content/uploads/IRSO-2013-Minutes-FINAL-Accepted-at-IRSO-2014.pdf>

2014

- *EMSO a large distributed network platform to monitor/study the Dynamic of the Earth and Ocean Systems* by Juanjo Dañobeitia, at OCEAN Seminar Organized by the Canadian Embassy of Spain – Ocean Networks Canada, Barcelona 21 Nov 2014.
- *Crustal structure at the North Eastern Tip of Rivera Plate, Nayarit-Marias Islands Region: Scenarios and Tectonic Implications Tsujal Project*, by Juanjo Dañobeitia et al., at AGU Fall Meeting, San Francisco (USA), 15 Dec 2014.

2015

- *Overview on Marine Research Infrastructures under the New Pole Code feasibility of year around and regular research operations in ice covered areas*, by Juanjo Dañobeitia, ASSW2015-Toyama, Japan, 26th April 2015.
- *European Multidisciplinary Seafloor and Water-Column Observatory: A New Challenge for RV's*, by Juanjo Dañobeitia on behalf of the EMSO Consortium, 17TH ERVO MEETING, 10TH– 11TH JUNE 2015, MarIn institute, GALWAY, IRELAND
- *Overview on Marine Research Infrastructures, Scientific capacities, areas of research operations*, by Juanjo Dañobeitia, EU_PolarNet meeting, Lisbon, 6th October 2015.

2016

- *European long-term needs to support Environmental (Marine) Research Infrastructures by means of Oceanographic Vessels: Challenge and opportunity to enhance specific cooperation actions*, by Juanjo Dañobeitia, Jean-François Rolin, Paolo Favali, Valérie Mazauric, Mathieu Belbeoch, 18th ERVO meeting, 10-12 May 2016, HCMR, Rhodes, Greece
- *European cooperation for Polar Research: Actions and Initiatives within H-2020* by JJ Dañobeitia, Nicole Blebow, Veronica Willmott and Miguel A. Ojeda. 18th ERVO meeting, 10-12 May 2016, HCMR, Rhodes, Greece.
- *European Multidisciplinary Seafloor and water column Observatory DEVELOPMENT EMSODEV: Towards an EMSO-ERIC*, by J.J. Dañobeitia, J. Piera, J. del Rio, J. Hernández, P. Favali, P. Matera, V. Lykousis, J.F. Rolin, H. Ruhl, L. Beranzoli, V. Radulescu, F. Grant, Jornada Presentació Nous Projectes, 20th May 2016, CSIC-CMIMA, Barcelona, Spain
- *Medium to Long-term needs for Research Vessels supporting Ocean Observing System: Challenges & Opportunities in a framework of European & International Cooperation*. By J.J. Dañobeitia, J. F. Rolin, P. Favali, V. Mazauric, J. Hernández, J. del Rio, & M. Belbeoch, 29th IRSO meeting, 10-13 October 2016, CNR, Island of Capri, Italy
- *Polar code and polar marine infrastructures* by Juanjo Dañobeitia and Miguel A. Ojeda. In Polar Region Sustainable Development: Business and Science Collaboration in the Arctic and Antarctic. WOC Sustainable Ocean Summit meeting, 1st December 2016, Rotterdam, The Netherlands

2019

- *Cooperative Research Strategies for Ocean Observatories Infrastructures to Support the United Nations Decade of Oceanic Science for Sustainable Development II Posters* J.J. Dañobeitia, K. Juniper, L. Beranzoli, I. Rodero, H Ruhl - AGU Fall Meeting 2019, 2019

7.3 Outreach and communication

ATLAS NACIONAL DE ESPAÑA (GEOFISICA), Instituto Geográfico Nacional (IGN) MOPT, 1991.
(Asesor científico)
Disemination paper in suplement 'Futuro' published in a Spanish biggest newspaper 'El País' (Junio 1992)

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PI (Spanish) J.J. Dañobeitia /wp leader/
Reference: UE VII FP (Preparatory phase). - INFRA-2007-2.2.1.8
Total Budget: 5,5 M€
Period: 2008-2012.

Project Name: European Seafloor Observatory NETwork (ESONET).
PI: Roland Person (IFREMER)
PI (Spanish) J.J. Dañobeitia /wp co-leader/
Reference: UE, NOE.- Contract No:036851
Total Budget: 6,5 M euros (total)
Period: 2007-2010.

Project Name: NEAR Shore Sources of Tsunamis (NEAREST)
PI: Nevio Zitellini
PI (Spanish) J.J. Dañobeitia /wp leader/
Reference: UE, Strip Proposal/Contract no.: 037110
Budget: 390.000 euros,
Period: 2006-2009.

8.2 Ongoing and not recent National funded projects

Title: Characterization of the seismic and tsunamigenic risk associated with the crustal structure at the contact of Rivera-Jalisco block plates (TSUJAL)
PI: Diego Córdoba (UCM)
J.J. Dañobeitia / leader marine geophysics/
Other Organism participant; UNAM (MEX); UDG (MEX), CSIC (SPA); IGN (SPA), ROA (SPA)
Reference: CGL2011-29474-C02-01
Total Budget: 300 k€
Period: 2012-2016.

Title: Data transmission and management systems for Large Marine & Polar Infrastructure (ICTS) and remote stations such as Antarctic station Juan Carlos I
Funding entity: CSIC-Intramural
Código: 201130E051
Investigador: J.J. Dañobeitia
Period: 03/2008-12/2015
Budget: 304.487 €

Title: Applications of seismic oceanography: data inversion and processing using spectral analysis strategies (POSEIDON)
Funding entity: Plan Nacional 2008-2012, Ref.: CTM2010-21569
Investigador Principal: V. Sallares (CSIC); Investigador: J.J. Dañobeitia (CSIC)
Period: 01/2011-12/2014
Budget: 146.000 €

Title: Anemis-s (anemis sensors) Development of an Intelligent Oceanographic Probe with Autonomous Sampling Capabilities
Funding entity: CSIC-Intramural
Código: PIF08-015-1; 200830F0151
Investigador P.: J. Pierra (CSIC); Investigador: J.J. Dañobeitia
Period: 09/2008-12/2011
Budget: 8000 €

Title: Technology management, maintenance and logistical support for marine and polar research for Large Scientific and Technical Facilities (ICTS), Research Vessels and Antarctic Stations
Funding entity: CSIC-Intramural



Project Name: EMSO implementation and operation: DEVELOPMENT of instrument module
Project acronym: EMSODEV
Funding scheme (H-2020): INFRA-0098
EU Financial contribution: €4.529.864 // CSIC : €299.472
Duration: 36 months
Start date: 01 September 2015
Completion date: 31 August 2018
Coordinator: Paolo Favali, INGV -
PI (Spanish) J.J. Dañobeitia /wp 4 leader/

Project Name: EU-PolarNet - Connecting Science with Society
Project acronym: EU-PolarNet
Funding scheme (H-2020): FOOD/0041
EU Financial contribution: €2.174.505 million // €70.575
Duration: 60 months
Start date: March 2015; Completion date: February 2020
Coordinator: Karin Lochte, AWI-
PI (Spanish) J.J. Dañobeitia /wp 4 Co-leader/

Project Name: Towards an Alliance of European Research Fleets
Project acronym: EUROFLEETS-2
Funding scheme (FP7): Research Infrastructures
EU Financial contribution: €9,0 million // CSIC : €890.000
Duration: 48 months
Start date: 01 March 2013; Completion date: 28 Febrero 2017
Coordinator: Jacques Binot, Ifremer - French Research Institute for Exploitation of the Sea
PI (Spanish) J.J. Dañobeitia /wp leader/

Project Name: EUROPLEET (Towards an Alliance of European Research ... Programmes: The MarinERA Reference)
PI: Jacques Binot (IFREMER)
PI (Spanish) J.J. Dañobeitia /wp leader/
Reference:: UE VII FP7-2008-INFRA-2008-1.1.1
Total Budget: 7, 2 M€
Budget for UTM-CSIC: 277.181 euros
Period: 2008-2011

Title: European Multidisciplinary Submarine Observatory (EMSO).
PI Principal: Paolo Favali (INGV)

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Código: 201130E067
Investigador P.: J.J. Dañobeitia
Period: 04/2011-12/2011
Budget: 173.283 €

Title: OBSEA. Expandable Submarine Laboratory, GEOSTAR / ESONET
Funding entity: Plan Nacional; CTM2009-06366-E/MAR
PI: J.J. Dañobeitia
Duration 2008-2010
Budget: 130.000 €

Title: Signal transmission in Light Autonomous Subsea Sensors (SIGSENSUAL)
PI's: A. Manuel (UPC- BCN) y J.J. Dañobeitia (UTM-CSIC, BCN)
Funding: Proyectos de Investigación Científica y Desarrollo Tecnológico Ref: REN2003-08341-C03-C01/02.
Budget project 6,900 €
Period: 15/12/2003 hasta 14/12/2004 Plan Nacional I+D+I: 2003-2006

Title: Nuevas Tecnologías en el Hespérides: Experimento de Sísmica Multicanal de Alta Resolución
Funding entity: Plan Nacional I+D+I 04-07, MEC (CTM2004-21203-E)
Solicitado A: Plan Nacional I+D+I 04-07, MEC (Acciones Complementarias)
Duration from : 9/2005 to: 9/2006
Investigador Principal: E. GRÀCIA (UTM-CSIC); Investigador: J.J. Dañobeitia
Budget: 43.730 €

Title: Acquisition and installation of acoustic data processing system for processing at UTM-CSIC laboratory
Funding entity: Generalitat de Catalunya. Infraestructura destinats a la recerca - PEIR
PI'S: J.J. Dañobeitia & V. Sallares (UTM-CSIC)
Duration 2005-2006.
Budget: 43.510 €.

8.3 Technological and infrastructure projects. Large National Scale Installations (ICTS)

In all of these funded projects JJ Dañobeitia acted as PI being Director of Marine Technological Unit (UTM-CSIC)

- ICTS-2006-10, RV Sarmiento de Gamboa, 2.065.000 euros
- ICTS-2006-19, PRV Hesperides, 588.000euros
- ICTS-2006-20, BAE Juan Carlos I, 72.000euros
- ICTS-2007-03; PRV Hespérides; 150.000 euros
- ICTS-2007-04, BAE Juan Carlos I, 87.000 euros
- CAC-2007-09, Preliminary prototype of the Expandable Cabled Submarine Observatory - EMSO, 115.000 euros
- ICTS-2006-25, BAE Juan Carlos I, 36.000euros
- ICTS-2006-28, , RV Sarmiento de Gamboa, 255.000euros
- ICTS-2006-31, , PRV Hesperides, 275.800euros

8.4 EU Contracts

Title: Associated partners agreement of "Requirement's for data and metadata management" (SeaDataNet 2 Project)

Código OTT (CSIC): 20122142
 PI: J.J. Dañobeitia
 Duratio: 2012-2015
 Budget: 24.488 euros

8.5 Contracts with the industry

Title: Geohazard Site Investigation Survey within Black Sea, offshore Romania

Acronym: "GEO-BLACK-ROM"

PI Principal: J.J. Dañobeitia / leader marine geophysics/

Código/s (Ref. COCSABO): COC-DI-2014-09

Industry participant; FUGRO OCEANSISMICA Spa and EXXON-MOBIL.

Reference: 070103140080-CSIC

Total Budget: 855.000 €

Period: Oct 2014- June 2015.

Title: Exploration Site Survey and Regional Reconnaissance offshore Romania and Turkey using HR Geophysics

Acronym: WESTERN BLACK SEA ZONE (WBSZ):

PI Principal: J.J. Dañobeitia / leader marine geophysics/

Código/s (Ref. COCSABO): OCEANSISMICA COC-DI-2013-02

Industry participant; FUGRO OCEANSISMICA Spa and EXXON-Mobil.

Reference: 070103130063-CSIC

Total Budget: 1,641.313. €

Period: Jul 2013- March 2014.

Title: EVALUATION OF THE HYDROCARBON POTENTIAL RESOURCES AT THE NORTH WESTERN BLACK SEA MARGIN, ROMANIA, BY MEANS OF GEOPHYSICAL STUDIES

Acronym: BLACK SEA

PI Principal: J.J. Dañobeitia / leader marine geophysics/

Código/s (Ref. COCSABO): COC-DI-2012-06

Industry participant; FUGRO OCEANSISMICA Spa

Reference: 070103120058 -CSIC

Total Budget: 1,467.000 €

Period: Oct 2012- Decemb. 2012.

9. Awards and honors

- *“ Orden Mérito Civil “ for his exceptional contribution to the state in Marine and Polar Science, 19 June 2015, given by King Felipe VI*
- *“ Orden de Isabel la Católica “ for his contribution in Antarctic Research., January 2010, proposed by the Ministry of Foreign Affairs, and given Minister of Science & Innovatio; Dra. Cristina Garmendia.*
- *Note: The Order of Isabel the Catholic of Spain is a honor, instituted by King Ferdinand VII on March 14, 1815, under the name Royal American Order of Isabel the Catholic, in order to “reward loyalty to Spain and tried: the merits of Spanish and foreign citizens for the good of the nation and especially in those exceptional services for the prosperity of American territories and overseas. “The order was reorganized in 1847. By a Royal Decree of July 26, 1847 the order took the name of Royal Order of Isabel the Catholic.*

- *Honored by the annual CSIC meeting as a prominent scientist for his contribution for the progress in marine & polar science, years 2010, 2011, 2012 and 2016.*
- *Award of the best director of Ph.D. thesis, in applied geophysics, given by the Foundation García Sñeriz (FGS), Academic years; 1997-98; 1999-00; 2002-03*
- *Award of the best director of M. Sc. Thesis, in applied geophysics, given by the Foundation García Sñeriz (FGS), Academic year 1996-97.*
- *Ph.D. award given by "Caja de Ahorros y Monte de Piedad de Madrid", 1985.*

10. References

Excellent references available upon request

- ✓ Mr. Bauke Boutman (bboutman@nsf.gov), NSF, Responsible of Ocean Observing Initiatives, USA
- ✓ Dr. Kazuyuki Shiraishi (kshiraishi@nipr.ac.jp), Director-General NIPR, COMNAP Chairman, Japan
- ✓ Mr. Jacques Binot (jacques.binot@ifremer.fr), Coordinarot of Eurofleets EU Projects, Ifremer, France
- ✓ Prof. A.B. Watts (tony.watts@earth.ox.ac.uk), University of Oxford, UK
- ✓ Prof Joaquín Tintore (jtintore@socib.es), Director of SOCIB andsCoordinator of CSIC Large Scale Facilities, Spain
- ✓ Dr. Bill Wandy (bandy@geofisica.unam.mx), Prof. inn Geophysics, UNAM, Mexico

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