

Fellows Scientific Activities

Report by Ana Crespo Solana, Ignacio García González and Nigel Nayling

ForSEAdiscovery fellows have undertaken several scientific research actions, specialized workshops, seminars, outreach activities, presentations in conferences and courses, publications and local training, according with those specified in Annex 1 and in each fellow's *Career Development Plan* (Please, see list of "*Career Development Plans*" attached in pdf format). Moreover each fellow has accomplished objectives and tasks included in Annex 1 and their individual project developing literature reviews, collecting original sources: wood samples, historical documents in archives and archaeological evidence during their training in the nautical archaeology campaigns. Fellows have organized events and workshops, actively participated as co-co-organizers and project managers during archaeological campaigns and training and outreach activities. All these activities have been monitored and supervised during training exchanges visits, research stays and secondments. The ForSEAdiscovery Consortium has named Prof. Dr. Ignacio García-González as **Scientific Coordinator** (SC), who is in charge of supervision and monitoring fellow's scientific activities. The Principal Investigator (PI) of each individual project and the **Training Coordinator** (TC), Prof. Nigel Nayling, and the Scientific Coordinator have worked closely with ESRs and ERs in order to advise researchers during the project and help the fellows to acquire additional experimental and technical skills. Fellows have actively participated in dissemination and outreach activities. The most outstanding is the "Nautical Archaeology Blog": <https://forseadiscovery.wordpress.com/category/nautical-archaeology/>

A detailed list of activities by each fellow is shown below. Please, see too the "Fellows' Secondment Report".

ForSEAdiscovery Early Stage Researchers (ESR)

ESR1. Ana Rita Trindade (Consejo Superior de Investigaciones Científicas)

- a) Presentation of paper "Timber Supply for Andalusian Shipbuilding in the 18th century: brief research notes" in the conference *A gestão dos recursos florestais ibéricos na construção naval da Idade Moderna: História e Arqueologia*, organized by the Instituto de Arqueologia e Paleociências da Universidade Nova de Lisboa, (Lisboa, Portugal), 26th November, 2014.
- b) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of this ITN ForSEAdiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas - Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands); GIS course, Madrid, 13th -16th October 2015 (CSIC); Course of "Dendroprovenance and Wood Anatomy", Universiteit Wageningen (9th -11th December 2015).

- c) Training course on "Application of Geographical Information System (GIS) to Maritime History and Nautical Archaeology" in Madrid, Spain (13th -16th October 2015).
- d) Presentation of paper "The ForSEAdiscovery project" with ER1: José Luis Gasch Tomás and ESR8: Koldo Trapaga Monchet in the conference *Connected Oceans - New Avenues of Research in Oceans and Maritime History*, University of Porto, Portugal, 8th-12th July 2015.
- e) Presentation of poster "Written sources in the study of wood supply for shipbuilding: the Andalusian 18th century case" in the conference *ISBSA 14, International Symposium of Boat and Ship Archaeology, Baltic and beyond. Change and continuity in shipbuilding*. National Maritime Museum, Gdansk, Poland, 21st-25th September 2015.
- f) Publications: Trindade, Ana Rita, "Wood supply for the Andalusian shipbuilding during the reigns of Felipe V and Fernando VI: brief introductory notes" Rosa Varela Gomes, ed., *gestão dos recursos florestais ibéricos na construção naval da Idade Moderna: História e Arqueologia*, Lisbon, IAP, 2015, pp. 57-65.
- g) Paper Submitted for publication: Gasch-Tomás, José Luís; Trápaga Monchet, Koldo, Trindade, Ana Rita, "Shipbuilding in times of war and change", *International Journal of Maritime History*, Maritime Economic History Association, Sage Publications (forthcoming)

ESR 2. Maria Bastião (Universiteit Leiden)

- a) Presentation of papers in the network meetings and training courses included in the plan of activities of this ITN: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Cientificas - Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands).
- b) Active participation in international conferences AHA, New York, January 2015 (joint action with PI).
- c) FEEGI in Europe Conference, Leiden, June 2015.
- d) European Association of African Studies, Paris, July 2015.
- e) CHAM Conference, Lisbon, July 2015.
- f) Local Training at Universiteit Leiden: Training in Economic and Social History Graduate School, N W Posthumus.

ESR3. Manish Kumar (RijkUniversiteit Groningen)

- a) Training course on "Application of Geographical Information System (GIS) to Maritime History and Nautical Archaeology" in Madrid, Spain (13-16 October 2015).
- b) Training course of Dendroprovenance, Universiteit Wageningen (9-11 December 2015).
- c) 6th Sound Toll Registers Online Conference in Antwerp, Belgium (22-23 October, 2015).

ESR4. Germán Jiménez Montes (RijkUniversteit Groningen)

- a) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of this ITN ForSEAdiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Cientificas,

Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands); GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).

- b) Dutch for non-native speakers, CEFR 0 > A2 (February- May, 50 hours).
- c) GSH activity “Introductory event for new PhDs in the Graduate School for the Humanities” (19th February).
- d) “Introductory Event Groningen Graduate school” (Allersmaborg, 5th-6th March)
- e) Vlaams-Nederlandse Vereniging voor Nieuwe Geschiedenis meeting (Nijmegen, 27th February).
- f) GSH seminar “Presenting in academic English” (April-May)
- g) Presentation of individual research at the Early Modern History Seminar at RUG: “Supplying the Enemy: Dutch Commercial Networks providing Timber to the Spanish Seaborne Empire, 1581-1621” (20th April)
- h) GSH seminar “Cross-sections in the Humanities” (24th April)
- i) GSH seminar “Managing your PhD project” (28th May)
- j) Attendance to “Forum on European Expansion and Global Interaction” (Leiden, 2nd-5th June)
- k) Attendance and presentation at “III Encuentro de Jóvenes Investigadores en Historia Moderna” (Valladolid, 2nd-3rd July). Publication of conference proceedings next year.
- l) Attendance and presentation at “Andalucía en el mundo atlántico: actividades económicas, realidades sociales y representaciones culturales” (Sevilla, 26th-27th October). Publication of chapter in a book next year.
- m) Presentation at CCHS CSIC seminar “La construcción naval hispánica y su impacto ecológico en la Edad Moderna. Debates sobre un campo de estudio interdisciplinar” (Madrid, 3rd November)

ESR5. Beñat Eguiluz Miranda (University of Wales Trinity Saint David)

- a) Attendance EURODENDRO Conference, Lugo 2014 (Septiembre) 8-11.
- b) Nautical Campaign, Galicia. Septiembre 2014. Nautical Training Archaeonauta.
- c) Attendance International Conference Ikuwa V, 2014 Cartagena 16-19 October.
- d) Paper Presentation, “Atlantic Shipbuilding and the Iberian Cantabric Transition, 1560-1680”, A gestão dos recursos florestais ibéricos na construção naval da Idade Moderna: História e Arqueologia, organized by the Instituto de Arqueologia e Paleociências da Universidade Nova de Lisboa, (Lisboa, Portugal), 26th November, 2014.
- e) Course of Dendrochronology, NAS III, Wales Trinity Saint David, 29-30 Novembre 2014.
- f) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEAdiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas - Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- g) Attendance Marie Curie Annual meeting, London, UK, February 28 2015.
- h) Presentation of a paper about “Iberian Ships, the Transition, 16th century”, University Wales Trinity Saint David, Seminar LR7. Video dissemination on Facebook 4 Mars 2015.
- i) Diving Course, Rescue Diver March 2015, 13-15.
- j) Diving Course, First Aid March 2015
- k) Diving Course, LDC recompression chamber, March 2015.
- l) Diving Course, HSE commercial SCUBA diver 30 Mars – 10 April 2015.
- m) GIS Training course, University Wales Trinity Saint David, 19 may 2015.

- n) Nautical Campaign, Galicia: Bayonaise, Magdalena, Ribadeo, 3-30 Junio 2015 (Training Stay Archaeonauta)
- o) Intensive Training Course, Albaola, (Experimental Archaeology, Shipbuilding) August, 3-7/ 17-28 2015.
- p) Poster Presentation, ISBSA 14, International Symposium of Boat and Ship Archaeology, Baltic and beyond. Change and continuity in shipbuilding. National Maritime Museum, Gdansk, Poland, 21st-25th September 2015.

ESR6. Adolfo Martins (University Wales Trinity Saint David)

- a) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEADiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas - Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- b) Paper in International conference: IKUWA V (15-19 October, Cartagena); ForSEADiscovery project conference, 26-27 Lisbon (“How can we see trees in timbers? An approach to the Golden Age of shipbuilding”); ForSEADiscovery project network meeting (17 December, 2014, Spain); LASA, Conference (24-31 May 2015, Puerto Rico); Poster ISBSA 14, *International Symposium of Boat and Ship Archaeology, Baltic and beyond. Change and continuity in shipbuilding*. National Maritime Museum, Gdansk, Poland, 21st-25th September 2015; International Conference, Esposende (16-17 November 2015).
- c) Attendance International Conferences: EURODENDRO 2014, September 8-12 September 2014); UWTSD, Swansea Campus (21 May 2015).
- d) Paper and seminars organized within the UWTSD:
 - a. Postgraduate research day, Carmarthen Campus, 6 March 2015
 - b. Student Research conference, Carmarthen Campus, 27 January 2016
 - c. Building bridges Seminar, Lampeter, Carmarthen Campus, 23/24 March 2016
 - d. Research cluster Seminars, Lampeter Campus, 11 May 2016
- e) Fieldwork and co-organizer as Project manager:
 - a. Belinho 01 Project, Portugal 1-23 August 2015.
- f) Fieldwork participant:
 - a. Finisterre Project, Spain, 13-17 September 2014
 - b. Trez Malaouen 2, France, 7-8 September 2014
 - c. Finisterre Project, Spain, 1-19 June 2015
 - d. Yarmouth Roads, UK, 14-18 April 2016
 - e. Yarmouth Roads UK, 27-29 April, 2016
 - f. Yarmouth Roads UK, 12-13 May 2016
 - g. Llanllyar Wales, 16 May 2016
- g) Publications:
 - a. A. Martins, *Troia 1, an untold story*, IKUWA V (forthcoming).
 - b. A. Martins (2015), “How can we see trees in timbers? An approach to the Golden Age of shipbuilding”, Rosa Varela Gomes, *A gestão dos recursos florestais ibéricos na construção naval da Idade Moderna: História e Arqueologia*, organized by the Instituto de Arqueologia e Paleociências da Universidade Nova de Lisboa, (Lisboa, Portugal), 26th November, 2014, pp. 5-17.

- c. A. Martins, A. Figueredo, A. Monteiro & Biscaia, F. *Troia 01 Case Study* (forthcoming).
 - d. A. Martins, N. Nayling, F. Castro, *Belinho 01. Case Study* (forthcoming).
- h) Workshops attended:
- a. Dendrochronology and archaeology, Lampeter Campus, 29-30 November 2014.
 - b. ForSEAdiscovery project shipbuilding, 12-17 December 2014.
 - c. Digital non-contact tracing at the Newport Mediaevan ship Centre, Wales, 14-16 April 2015
- i) Workshops session (given): 3D software workshop, Rhino 3D (with N. Nayling), 25 May 2016
- j) Training and Diving skills:
- a. HSE First aid at work
 - b. LDC recompression chamber
 - c. HSE Commercial diver

ESR7. Antonio Santos (Universidade Nova de Lisboa)

- a) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEAdiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Cientificas -Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- b) Publications:
- a. Koldo Trápaga Monchet & Antonio Santos, “Forestry and timber supply in the royal forests of the Iberian Peninsula through the 16th century”, *Skyllis, Zeitschrift für maritime und limnische Archäologie und Kulturgeschichte*, 15, Jahrgang 2015, pp. 62-69.
 - b. Antonio Rocha Santos, “Forest management on Portugal during Early Modern Ages-analysis of historical documents belonging to the kingdom of D. Manuel 1 (15th and 16th centuries”, Rosa Varela Gomes, ed., *The management of Iberian Forest Resources in the Early Modern shipbuilding: History and Archaeology*, Lisbon, IAP, 2015, pp. 87-92.
- c) Training and Diving skills:
- a. HSE First aid at work
 - b. LDC recompression chamber
 - c. HSE Commercial diver
- d) Training in Nautical Archaeology and fieldworks:
- a. Participation on the underwater interventions in Galicia during June 2015 with the objective of recovering timber samples preventient from Iberian wrecks;
 - b. Participation on the timber recording campaign in Esposende during August 2015;
 - c. Participation on the underwater interventions in Yarmouth Roads during April and May 2015 with the objective of recovering timber samples preventient from Iberian wrecks.

- e) Conferences and workshops:
- IKUWA V Cartagena 2014
 - Paper presentation in: *A gestão dos recursos florestais ibéricos na construção naval da Idade Moderna: História e Arqueologia*, organized by the Instituto de Arqueologia e Paleociências da Universidade Nova de Lisboa, (Lisboa, Portugal), 26th November, 2014.
 - Marie Curie Workshop, Porto 2015.
 - Conferencie “In Poseidon’s Realm”, Nuremberg, March 2015 with paper: “16th Century Forest administration on the Iberian Peninsula (coutadas, matas y sitios reales) and its association with shipbuilding”.

ESR8. Koldo Trapaga Monchet (Universidade Nova de Lisboa)

- Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEADiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas -Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- PhD dissertation. Koldo Trápaga Monchet: *La reconfiguración política de la Monarquía Católica: la actividad de don Juan José de Austria (1642-1679)*, supervised by José Martínez Millán and Ana Crespo Solana. It was held at Universidad Autónoma de Madrid, September 8th 2015.
- Publications and papers presented for publication:
 - Koldo Trápaga Monchet & Antonio Santos, “Forestry and timber supply in the royal forests of the Iberian Peninsula through the 16th century”, *Skyllis, Zeitschrift für maritime und limnische Archäologie und Kulturgeschichte*, 15, Jahrgang 2015, pp. 62-69.
 - (2015): “Las casas reales de don Juan de Austria en la Monarquía Católica (1642-1679)”, in *La reconfiguración de la Monarquía Católica: el reinado de Felipe IV (1621-1665)*, Madrid, Polifemo, I/3, pp. 1781-1867.
 - (2015): “Apéndice III: La Casa de don Juan de Austria”, in *La reconfiguración de la Monarquía Católica: el reinado de Felipe IV (1621-1665)*, Madrid, Polifemo, II, pp. 3089-3357.
 - José Luis Gasch, Koldo Trápaga Monchet and Ana Rita Trindade “Shipbuilding in Times of War. Contracts for the Construction of Ships and Provision of Supplies in the Spanish Empire (c. 1580 to 1650)” (delivered 1st October 2015), as result of the Conference Connected Oceans: New Avenues of Research in Maritime and Oceans History.
 - “Las armadas de Portugal en los reinados de los Felipes (1580-1640)” (delivered 14th July 2015), as result of the Conference III Encuentro de Jóvenes Investigadores. Líneas recientes de investigación en Historia Moderna: Familia, cultura material y formas de poder.
 - “Resucitando la Guerra de la mar”: The timber supply as a political problem in the Court of Lisbon (1617-1622)” (delivered January 2015), as result of *A Gestão dos recursos florestais Ibéricos na construção naval da idade moderna: História e Arqueologia*.

- d) Papers presentation:
- g. Félix Labrador Arroyo & Koldo Trápaga Monchet: “El Real Sitio y Soto de Roma: articulación territorial y aprovechamiento forestal en la Monarquía hispana (siglos XVI-XVII)”, in *International Conference Crossing Borders: Connecting Edges of Environmental History*, Porto, 5-7 November 2015.
 - h. “La provisión de madera como una necesidad política: bosques, asientos y construcción naval en el reino de Portugal (1580-1640)”, in *Seminário de Investigadores FCT e Pós-Doc's*. Lisbon 21-22 September 2015.
 - i. “Las armadas en el reino de Portugal en los reinados de los Felipes (1580-1640)”, in III *Encuentro de Jóvenes Investigadores. Líneas recientes de investigación en Historia Moderna: Familia, cultura material y formas de poder*. Valladolid 2-3 July 2015.
 - j. “The ForSEADiscovery Project”, together with José Luis Gasch and Ana Rita Trindade, in *International Conferences Connected Oceans: New Avenues of Research in Maritime and Oceans History*. Porto, 8-12 June 2015.
 - k. “The administration of woodlands (Coutadas, Matas y Sitios Reales), regarding naval construction, on the Iberian Peninsula, during the 16th century”, together with Antonio Rocha Santos in *Posseidon's Realm XX. International Conference on Underwater Archaeology: “Land under Water”*. Nuremberg, 20-22 March 2015.
 - l. Paper presentation “La organización de los bosques reales hispanos en el reinado de Felipe II: una aproximación a su estudio”, “A *Gestão dos recursos florestais Ibéricos na construção naval da idade moderna: História e Arqueologia*”. Lisbon, 26 November 2014.
- e) Workshops attendances: Assistance V Congress of IKUWA5. Cartagena, 16-18 October 2014.

ESR9. Marta Domínguez Delmás (Universidad de Santiago de Compostela)

- a) Completion of PhD in September 2015. Title: “*Forest history, timber supply and tree rings: a dendroarchaeological approach to the study of Iberian Cultural Heritage*”.
 - b) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEADiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas -Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- c) Participation in Wood Sampling, organization of events, fieldworks:
- a. (25 May – 5 June): Training and supervision of Javier Peri Ibáñez (Master student at the Escola Superior de Conservación e Restauración de Bens Culturais de Galicia) in dendrochronological techniques (preparation of samples, acquisition of tree-ring data, crossdating) and identification of wood species;
 - b. (May-Jun 2015): In collaboration with Reyes Alejano Monge (University of Huelva), organization of sampling action of living trees and historic buildings in Andalusia as

- part of the National Geographic Waitts project. Execution of sampling with participation of the ER3.
- c. (May 2015): Participation in scientific committee of TRACE congress 2015 Tree rings in archaeology, Climatology and Ecology, organised at the Pablo Olavide University in Seville, Spain;
 - d. (Apr-May 2015): Organization and execution of sampling action of living trees and historic buildings in the Basque Country, with participation in the sampling of the other WP3 fellows;
 - e. (Oct-Nov 2014): In collaboration with Reyes Alejano Monge (University of Huelva), organization of sampling action of living trees and historic buildings in Andalusia as part of the National Geographic Waitts project. Execution of sampling with participation of the other ESRs from WP3;
 - f. (Sep 2014): Participation in organising committee of Eurodendro congress 2014, organised by the department of Botany of the University of Santiago de Compostela in Lugo, Spain.
- d) Paper presentation in International Congress and dissemination activities:
- a. 9 Sep 2014. Oral communication: ‘Swedish oak, planks and panels: dendroarchaeological investigations on the 16th century Evangelistas altarpiece at Seville Cathedral (Spain)’
 - b. EURODENDRO 2014, Lugo, Spain,
 - c. Presentation and dissemination activity of individual ForSEADiscovery project: ‘Forest history and shipbuilding: developing a tree-ring network for provenancing oak and pine ship timber from Atlantic Iberia’ Wageningen University (WUR), The Netherlands. 23 Apr 2015.
 - d. Invited lecture at university of Cologne, Faculty of Archaeology: ‘Long-distance timber transport in Roman times: insights from a dendroarchaeological perspective’ Faculty of Archaeology, University of Cologne, Germany.
 - e. 17 Feb 2015: Event: Wood in the SPOTlight, Organised by Prof. Dr. Ute-Sass Klaassen, FEM (WUR/ ForSEADiscovery Consortium): ‘How Spanish were the ships from the Spanish Armada?’ Presentation about dendroarchaeological research on shipwrecks; mixed non-specialised audience). SPOT restaurant, Wageningen University.
 - f. 10 Dec 2014: Invited lecture at the Escuela de Conservación y Restauración de Pontevedra: ‘Dendrocronología aplicada al estudio del Patrimonio: principios, aplicaciones y casos’ (Dendrochronology applied to the study of cultural heritage: principles, applications and case studies). Salón de Actos del Museo de Pontevedra, Pontevedra, Spain.
 - g. 7 Sept 2014. Event: Dissemination day dendrochronology. Organised by: dendrolab of the department of botany of the University of Santiago de Compostela. Dendrochronology, dendroarchaeology and the ForSEADiscovery project Plaza Mayor, Lugo, Spain.
 - h. 3 Sep 2014. Oral communication as instructor at the European Dendroecological Fieldweek 2014: ‘Crossdating and COFECHA’ European Dendroecological Fieldweek 2014, Oviedo.
 - i. 2 Sep 2014: Oral communication as instructor at the European Dendroecological Fieldweek 2014: “Introduction to Dendroarchaeology”, European Dendroecological Fieldweek 2014, Oviedo.
- e) Collaborations in academic and/or practical courses:

- a. 18-19 Mar 2015: FEM1030600 – Ecology of Forests; 1st year BSc course in Forest and Nature Conservation. Teaching assistant.
- b. 31 Aug – 6 Sep 2014: European Dendroecological Fieldweek 2014, Oviedo, Spain
Instructor Dendroarchaeology group.
- f) Publications 2015 (published, in revision and in preparation):
 - a. Domínguez-Delmás, M., Alejano-Monge, R., Van Daalen, S., Rodríguez-Trobajo, E., Susperregi, J., García-González, I., Wazny, T., Jansma, E., 2015. Forest history, tree-rings and cultural heritage: current state and future prospects of dendroarchaeology in the Iberian Peninsula. *Journal of Archaeological Science* 57, 180–196.
 - b. Rodríguez-Trobajo, E., Domínguez-Delmás, M., 2015. Swedish oak, planks and panels: dendroarchaeological investigations on the 16th century Evangelistas altarpiece at Seville Cathedral (Spain). *Journal of Archaeological Science* 54, 148–161.
 - c. Trouet, V., Harley, G.L., Domínguez-Delmás, M., in revision. “Shipwreck Rates Reveal North Atlantic Tropical Cyclone Response to Past Radiative Forcing”, *Proceedings of the National Academy of Science*.
 - d. Domínguez-Delmás, M., Alejano-Monge, R., Wazny, T., ready for submission. “Dendroarchaeological research on roof structures from architectural heritage in Andalusia (Spain): case studies of the Jaen cathedral and the Colegial del Salvador church in Seville”.
 - e. Domínguez-Delmás, M., Alonso, F., García-González, I., in prep. “Lightnings, earthquakes and forest management: the roof structure of Segovia cathedral reveals its history through tree-ring research”.
 - f. Domínguez-Delmás, M., Van Daalen, S., Haneca, K., in prep. “Developing oak chronologies (*Quercus* sp.) for dating historic barns in the Ancares (Western Cantabrian Mountains, NW Spain)”.
 - g. Soberón Rodríguez, M., Pujol Hamelink, M., Llergo López, Y., Riera Mora, S., Juliá Bruges, R., Domínguez-Delmás, M., in prep. “Shipwreck Barceloneta I - A medieval clinker-built ship in Barcelona”. *International Journal for Underwater Archaeology*.

ESR10. Linar Akhmetzyanov (Wageningen Universiteit)

- a) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEADiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas -Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- b) Sampling campaigns:
 - a. Sampling campaign *Pinus Nigra*, Andalusia, Spain, November 2014.
 - b. Sampling campaign shipwreck, Cádiz, Centro de Arqueología Subacuática, Universidad de Cádiz, February 2015
 - c. Sampling Campaign, *Quercus* spp. Basque Country, Spain, May 2015.
 - d. Sampling campaign, *Quercus* spp. Basque Country, Spain, October 2015
 - e. Sampling campaign, *Pinus Sylvestris*, Central System, Spain, July 2016

- c) Paper presentation, dissemination activities, seminars and workshops. Attendance of Congress and conference:
- European Dendroecological Fieldweek, Oviedo, Spain, September 2014, Presentation, <http://www.cetemas.es/post/fw14-flyer-european-dendroecological-fieldweek-2014.pdf>
 - Eurodendro 2014, Lugo, Spain, September 2014
 - Basic Statistics, October 2014
 - Training School: Quantitative wood Anatomy: from sample to Data, Zurich, Switzerland. November 2014
 - Wood under Spotlight- Presentation for students at Wageningen University, February 2015
 - The Essentials of Scientific writing and presenting, March 2015, University Wageningen.
 - Statistics in Dendrochronology, March 2016, University Wageningen.
 - Finals COSTS STReESS meeting, Joachimsthal, Berlín, Germany, April 2016.
 - Supervision of master students, University Wageningen, May 2015—May 2016.

ESR11. Mohamed Traoré (Universidad de Santiago de Compostela)

- Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEAdiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas -Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- Publications: Mohamed Traoré, Joeri Kaal, Antonio Martínez Cortizas, Application of FTIR spectroscopy to the characterization of archeological wood, *SPECTROCHIM ACTA A*. 153 (2016) 63–70.
- Paper Presentations:
 - Presentation of the work plan of the ESR11 within the ForSEAdiscovery project, workshop organized in the department of soil science and agricultural chemistry-Universidad de Santiago de Compostela, 11th May 2015.
 - Oral presentation of the work plan of the ESR11 within the ForSEAdiscovery project, workshop organized in the department of soil science and agricultural chemistry-Universidad de Santiago de Compostela, 11th May 2015.
 - Lecture during the dendro-workshop “Wood chemistry supporting tree ring analysis”; Wageningen University 09th of December 2015.
 - Lecture during the dendro-workshop “Results and integrating approach from the WP3 within ForSEAdiscovery”; Wageningen University 11th of December 2015.
 - Oral presentation to the MidTerm meeting “Wood, books written in an organic language”; CSIC Madrid 18th of December 2015.
 - Oral presentation at Wood and Charcoal.Approaches from Archaeology, Archaeobotany, Ethnography and History International Meeting, April 15th 2016 in Braga (Portugal).

- g. Oral presentation of the ForSEADiscovery project with Fadi Hajj at Laboratoire Interdisciplinaire des Environnements Continentaux (LIEC) at Université de Lorraine, June 2016
- d) Others:
 - a. Participate to the organization of the international meeting Paleodiet meets paleopathology at the university of Santiago de Compostela, from the 15th to the 16th of October 2015.
 - b. Doctoral research plan approved by the scientific committee of the doctoral school of the University of Santiago de Compostela, in May 26th 2016.
- e) Courses:
 - h. Building and living trees (*Pinus nigra*) sampling in Andalusia (Grenada, Huescar, La Sagra Mountain and two different areas in Cazorla mountains), from the 17th to the 27th November 2014.
 - i. Oak living trees sampling in in the Basque country, from the 13 to the 21 of May 2015.
 - j. “Introduction to dendrochronology and wood anatomy at the Wageningen University, from the 26th of October to the 15 of December 2015.
 - k. Coorganizer of the Training Course in Universiteit Wageningen “Dendroprovenance and Wood Anatomy”, December 9-11 2015.
- f) Samplign campaigns and fieldwork:
 - a. Pine woods sampling (building timbers and living trees) Andalusia, Sierra de Guadarrama. (17 to 27 November 2015).
 - b. Building sampling 18 to 22 of November: Granada: removed beams of lecture room and library of faculty of law of university of Granada; Old building in Granada named Madraza) near the cathedral of Granada; Beams of Library of Hospital Real were also cored. There wood timbers are from the beginning of the 16th century. Huesca: (21 and 22 of November 2015): San Francisco and Santiago churches, old building and theater room).
 - c. 23 November La Sagra Mountain (Huescar): Black pine was sampled, in this mountain was cored some trees with thick stem.
 - d. 24 to 26 November Cazorla mountains: Black pine was sampled by plots of 20 m diameter. Diameter of trees cored were above 25 cm, because below this diameter tree seem regeneration.
 - e. Sampling in Basque Country: 12th- 22nd of May 2015: Artitkuza, Oiartzun, Uzkanga, Azkorte and Ibarrola.
 - f. Buildings in Basque Country: San Cristóbal de Oraa hermitage, Zumárraga, province of Gipuzkoa, region Basque Country; church, Urretxu, province of Gipuzkoa; La Antigua hermitage, Zumárraga, province of Gipuzkoa; Caserio Museo Igartubeiti, province of Gipuzkoa.
 - g. Sampling campaign at Sierra de Guadarrama, 11th-15th July 2016. Central region of Spain (source of lot of pinewood during the modern age): Valsaín Mountain, Fuenfría, Espinar Mountain.
 - h. Sampling in Cathedral of Segovia.

ESR12. Fadi Hajj (Université de Lorraine)

- a) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEAdiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas - Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- b) November 2015: Participation to a training course organized by the doctoral school of ‘Université de Lorraine’ on the development of the capacity in communication and management. In Centre Culturel André Malraux (CCAM), Scène Nationale de Vandoeuvre-lès-Nancy, rue de Parme.
- c) Paper Presentations:
 - November 2014: Presentation on the PhD context, objectives and methods. LIEC laboratory (Nancy, France)
 - January 2015 - Presentation of the first PhD results during the meeting of the ForSEAdiscovery project (Madrid, Spain)
 - June 2015 - Poster communication at the LIEC doctoral conference presenting the advances and the latest results in the PhD (Nancy, France)

ESR13 – Nathan Gallagher (RijksUniversiteit Groningen)

- d) Attendance of Training Course ForSEAdiscovery: GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- e) Publications:
 - a. Gallagher, Nathan. “A Methodology for Estimating the Volume of Baltic Timber to Spain Using the Sound Toll Registers: 1670-1806.” *International Journal of Maritime History*. Vol. 28 No. 4. Nov, 2016. (Accepted, Forthcoming).
 - b. Contribution to “From forests to the sea, from the sea the laboratory: the Santa Maria Magdalena frigate in the ForSEAdiscovery project” to be presented at IKUWA 6 Conference (November-December, 2016) by Ana Rita Trindade. Proceedings to be published.
 - c. “Historical explanation of trends in the Sound Toll Registers”. (Draft, to be submitted)
- f) Conferences & Meetings Attended:
 - g) Sound Toll Registers Conference, October 2015, Antwerp, Belgium
- g) Other Activities: Access database training, October, 2015; Private course in advanced Access database techniques, November 2015; Entry for ForSEAdiscovery Blog: “Digital Humanities: Navigating a Sea of Data”.

Experienced Researcher:

ER1. Dr. José Luis Gasch Tomás (Consejo Superior de Investigaciones Científicas)

a) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEADiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas - Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).

b) Lecture and paper presentation in Seminars, Conferences and Outreach activities:

- Attended the conference La Economía política de los imperios. Una visión global sobre la introducción e impacto de nuevos productos, organized by Universidad Pablo de Olavide and Escuela de Estudios Hispano-Americanos, Seville (Spain), 15/12/2014-16/12/2014. In the conference I presented the paper “El consumo de artículos orientales en México y Sevilla durante la época moderna”.

- Attended International Conference Connected Oceans 2015 – New Avenues of Research in Maritime and Oceans History, University of Porto (Portugal), 08/06/2015-12/06/2015. In the conference I presented the paper, with Koldo Trápaga and Ana Rita Trindade, “The ForSEADiscovery project”.

- Attended International Symposium on Boat and Ship Archaeology. Baltic and Beyond (ISBSA14), organized by National Maritime Museum in Gdansk (Poland), 21/09/2015-25/09/2015. In the conference I presented, with Ana Crespo Solana and María José García-Rodríguez, the poster “Development of a GIS for Iberian ships in the Age of Discovery in ForSeaDisvoery project”.

- Attended International Conference Cultura Marítima en México: espacios marítimos y proyecciones culturales, organized by Instituto Nacional de Antropología e Historia (INAH) in Campeche (Mexico), 22/10/2015-23/10/2015.

- Public lecture “Bosques flotantes para los imperios ibéricos: Ecología y Globalización en la Edad Moderna”, organized by Instituto Nacional de Antropología e Historia (INAH) in Mexico City (Mexico), 27/10/2015.

- Public lecture “Shipbuilding and Globalization. Tar trade from the Baltic to the Iberian Peninsula in the 18th century”, organized by the Department of History at the University of Groningen (The Netherlands), 21/03/2016.

Teaching:

- Lecture on “The GIS-Oriented ForSeaDiscovery database design” (1.5 hours) in the Intensive Training Course “Historiography and Archive Research”, University of Groningen (The Netherlands), 08/05/2015.

- Guest chair to coordinate the debate “Fellow meeting and plenary discussion” (1.5 hours) in the Intensive Training Course “Historiography and Archive Research”, University of Groningen (The Netherlands), 08/05/2015.

- Lecture on “Practical lessons – Database and GIS” (1.5 hours) in the Intensive Training Course: “Application of Geographical Information System (GIS) to Maritime History and Archaeology”, CSIC (Madrid, Spain), 16/010/2015.

- Lecture, with Sara Rich and Peter Groenendijk, on “Dissemination of the Underwater Cultural Heritage” (2 hours) in the Intensive Training Course: “Application of

Geographical Information System (GIS) to Maritime History and Archaeology”, CSIC (Madrid, Spain), 16/010/2015.

Work in archives:

- Work in Archivo General Militar of Madrid (General Military Archive of Madrid) and Archivo del Museo Naval de Madrid (Archive of the Naval Museum of Madrid).
- Work in the Archivo Municipal de Ribadeo (Municipal Archive of Ribadeo, Spain) and Archivo Municipal de Mondoñedo (Municipal Archive of Mondoñedo, Spain).
- Work in the Archivo General de Simancas (General Archive of Simancas).

Publications:

- José Luis Gasch-Tomás: “Historia trans-“nacional” y conflicto en mundo hispánico (siglos XVI-XVIII)”, Revista Jerónimo Zurita, 90, 2015, pp. 13-19.
- José Luis Gasch-Tomás: “Mecanismos de funcionamiento institucional en el imperio hispánico. El Comercio de los Galeones de Manila y el Consulado de Comerciantes de México en la década de 1630.”, Revista Jerónimo Zurita, 90, 2015, pp. 56-74.
- José Luis Gasch-Tomás: “Spanish Empire (from 1580)”, in Encyclopedia of Empire, edited by John MacKenzie, London: Wiley-Blackwell, 2016.
- José Luis Gasch-Tomás, “La porcelana china azul y blanca. Una historia de naturaleza global”, in Autoridad Portuaria Balear, ed., El control arqueológico del dragado del puerto de Maó, Palma de Mallorca: Ports de Balears, 2016, pp. 52-60.
- Academic book manuscript under review in Brill.
- One article in peer review process: José L. Gasch-Tomás (with Koldo Trápaga and Ana Rita Trindade), “Shipbuilding in Times of War. Contracts for the Construction of Ships and Provision of Supplies in the Spanish Empire (c. 1580 to 1650)”, currently under review in International Journal of Maritime History.
- José Luis Gasch-Tomás, “Agents of globalisation: An approximation to Santi Federighi’s commercial network, c. 1620-1643”, in Manuel Herrero Sánchez and Klemens Kaps, eds., Merchants and Trade Networks in the Atlantic and the Mediterranean, 1550-1800: Connectors of Commercial Maritime Systems, London: Pickering and Chatto, forthcoming.

ER2. Sara Rich (Maritime Archaeology Ltd)

- a) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEADiscovery: 12th-13th January 2015, Network Meeting (Centro de Ciencias Humanas y Sociales-Consejo Superior de Investigaciones Científicas -Madrid, Spain); 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- b) Organizer of Nautical Archaeological fieldwork, as project manager and nautical archaeologist:
 - a. Yarmouth Roads Protected Wreck (UK)
 - b. Bouldnor Cliff Submerged Mesolithic Settlement (UK)
 - c. Bayonnaise Shipwreck (French corvette) (Spain)

- d. La Magdalena Shipwreck (Spanish frigate) (Spain)
 - e. Ribadeo Shipwreck (Spanish galleon) (Spain)
 - f. War Knight Shipwreck (American WWI steamship) (UK) Alum Bay II Shipwreck (unidentified 19th c. wooden ship) (UK)
 - g. Mazotos Shipwreck (Ancient Greek merchant ship) (Cyprus)
- c) Dissemination record 2015:
- a. Cedar Forests, Cedar Ships: Lore, Allure, and Metaphor. Forthcoming monograph from Archaeopress.
 - b. “Dendroprovenance and Double Entendres: The Athlit Ram.” Article manuscript submitted to *Archaeology and Text*.
 - c. “Ontography of an Ordinary Shipwreck: Paradox, Appellation, Provenance, Apparition.” Article manuscript submitted to *Archaeological Dialogues*.
 - d. “To Put an Ancient Cedar Ship in a Bottle: Dendroprovenancing with the 87Sr/86Sr Strontium Isotope Ratio.” Co-authors: S. W. Manning, P. Degryse, F. Vanhaecke, K. Latruwe & K. Van Lerberghe. Article manuscript submitted to *Antiquity*. 5.
 - e. “Mesolithic Woodworking, Experimental Archaeology & Underwater Heritage in Hampshire and the Isle of Wight (UK).” Article manuscript submitted to *Mesolithic Miscellany*.
 - f. “Provenancing East Mediterranean Cedar Wood with the 87Sr/86Sr Strontium Isotope Ratio.” Co-authors: S. W. Manning, P. Degryse, F. Vanhaecke & K. Van Lerberghe. *Journal of Archaeological and Anthropological Sciences* (DOI: 10.1007/s12520-015-0242-7).
 - g. “Chopping up Shipwrecks: The Science of the Saw.” ForSEAdiscovery fellows blog (<https://forseadiscovery.wordpress.com/wp2>)
 - h. The Bouldnor-Butser Mesolithic Woodworking Project blog: <http://mesolithicwoodworking.blogspot.co.uk/10>. Three public workshops in August delivered on Mesolithic woodworking: Butser Ancient Farm (Hampshire, UK), Sunken Secrets Exhibition (Isle of Wight, UK), Exbury Gardens (New Forest, UK)¹
 - i. In-situ Timber Sampling Protocols (With a focus on ‘Iberian’ shipwrecks). Draft prepared, to be published in print and online.
- d) Conferences and workshops attended, and invited lectures in 2015:
- a) Presentation: “Artefact or Ecofact? Assessing the Timbers from the Submerged Mesolithic Landscape at Bouldnor Cliff, UK”, 1st European Conference on Scientific Diving, Stuttgart (1-3 March 2015)
 - b) Conference: *Unterwasserarchäologie: In Poseidon’s Realm XX*, Nuremburg (18-22 March 2015)
 - c) Presentation: Invited guest lecturer at the Vrije Universiteit Brussel, “Wood Provenance Methods and Applications in Archaeology” (29 April 2015)
 - d) Presentation: Invited speaker at the symposium, *Archaeology & Text*, Jerusalem (May 10-11): “Wood there Be Context? Dendroprovenance and Ancient Texts”
 - e) Presentation: “Nautical Archaeology and the Hermeneutics of the Anti-Social”, European Association of Archaeologists, Glasgow (2-5 September)
 - f) Conference: Session Chair: Maritime Mobility, European Association of Archaeologists, Glasgow (2-5 September)
 - g) Conference: EuroDendro 2015, Antalya (18-23 October 2015)

ER3. Peter Groenendijk (Universidad de Santiago de Compostela)

- a) Presentation of papers and attendance in the network meetings and training courses included in the plan of activities of the ITN ForSEAdiscovery: 6th-8th May 2015, Historiography and Archive Research training course (Rijksuniversiteit Groningen (Groningen, The Netherlands), GIS course, Madrid, 13-16 October 201 (CSIC); Course of “Dendroprovenance and Wood Anatomy”, Universiteit Wageningen (9-11 December 2015).
- b) Co-organizer, project manager and dendrochronologist of Sample campaign.
 - a. Guipúzcoa oaks, May 18th till May 21st 2015.
 - b. Cazorla pines, June 5th till June 12th 2015.
 - c. Visits to the WP2 shipwreck sampling campaign in Galicia.
 - d. Belinho shipwreck, in weeks of August 3rd till 8th and August 17th till 23rd.
 - e. Sampling campaign and archaeology summer school “Escola de Verão Internacional de Arqueologia 2015” in the Municipality of Esposende, in Portugal.
 - f. Alava oaks, September 15th till 18th.
 - g. October 6th till 12th 2015(Vitória-Gasteiz).
- c) Publications:
 - a. “ Madeira à vista: o xilema me chama”, ClimaCom, ANO 03 - N06 - "Territórios" ISSN 2359-4705 <http://climacom.mudancasclimaticas.net.br/?p=5586>

