

PERSONAL INFORMATION

Salvatore Barba

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Date of birth 30/10/1975 | Nationality Italian

ACTUAL POSITION

Scientific Expert at the Italian Embassy (Buenos Aires - Argentine)

WORK EXPERIENCE

- From 01/2020 to date **Full Professor**
University of Salerno
- From 12/2011 to 01/2020 **Associate Professor**
University of Salerno
- From 10/2006 to 12/2011 **Assistant Professor**
University of Salerno

ACADEMIC EXPERIENCE
IN ARGENTINE

- From 2021 to date **Periodic Visiting Professor**
National University of Rosario
- From 2020 to date **Contract Professor**
PhD in "Ciencias Exactas e Ingeniería" at the National University of Tucumán
- 2019 **Visiting Professor**
University of Buenos Aires
- From 2018 to date **Contract Professor**
Master in "Diseño y gestión de los sistemas patrimoniales" at the National University of Córdoba
- From 2018 to date **Periodic Visiting Professor**
National Technological University
- 2014 **Visiting Professor**
Department of Science and Technology of the National University of Quilmes
- 2014 **Contract Professor**
International Course "Técnicas avanzadas de relevamiento: fotogrametría digital y láser escáner" at the National University of Córdoba
- 2014 **Visiting professor**
School of Exact Sciences and Technology at the National University of Tucumán

EDUCATION AND TRAINING

- Academic year 2005/06 **PhD in Structural Engineering and Urban Restoration (3 years)**
University of Salerno
- Academic year 2001/02 **Honours Degree in Civil Engineering (5 years)**
University of Salerno

PERSONAL SKILLS

Organisational and management skills

- ACADEMIC SENATOR of the University of Salerno and afterwards, from 2015 to 2018, member of the COUNCIL of the Department of Civil Engineering and PRESIDENT OF THE INTERNATIONALISATION COMMISSION.
- Group coordinator: "UNIT 11/1171 - UID GIGA" at the Faculty of Engineering of the National University of La Plata, accredited by the Argentine Program "Incentivos a la Investigación", from 2012 to 2017; external advisor of the LABORATORY "LEGRAPH" at the Faculty of Architecture and Urbanism of the National University of La Plata, until December 2019. Director of the LABORATORIO MODELLI - Surveying and Geo-Mapping for Environment and Cultural Heritage, since 2018.
- Responsible for ERASMUS+ AGREEMENTS and SCIENTIFIC COOPERATION AGREEMENTS with Argentinian (National University of La Plata, of Rosario and National Technological University), Chilean, Colombian, Cuban, Egyptian, South African, and North American universities. Promoter - in 2012 - of DOUBLE DEGREE MASTER PROGRAMMES for the engineering and architecture area with the National University of Córdoba and with the National University of Tucumán (Argentine), collecting 168 incoming annual mobilities, 11 outgoing Italian students and 343 short mobilities.
- INTERNATIONAL MOBILITY COORDINATOR and VICE-DIRECTOR of the Department of Civil Engineering, since 2020.

Job-related skills

- Evaluator for the projects INTEGRATED ACTIONS ITALY-SPAIN 2006, RESEARCH PROJECTS OF NATIONAL INTEREST 2012, FUTURE IN RESEARCH 2013, FARE 2016, DEPARTMENTS OF EXCELLENCE 2018-22, RESEARCH QUALITY ASSESSMENT 2015-19.
- Evaluator for Marie Skłodowska-Curie - H2020 calls by the EUROPEAN RESEARCH AGENCY in 2018 and 2019.
- External evaluator for the University of Salamanca in a COFUND project (Marie Skłodowska-Curie Actions, MSCA) by the European Commission 2021-25.
- Expert of the REPRISE - Register of Peer-Review Experts for Italian Scientific Evaluation ("Fundamental research", "Competitive Industrial and better Society Research" and "Scientific Culture spread").
- Member of the ITALIAN SCIENTIFIC QUALIFICATION COMMITTEE (since 2021); international member (since 2011) and evaluator of the Argentine EGRAFIA committees.

Other skills

- RESPONSIBLE for numerous research contracts, international grants and traineeship for postgraduates, PhD students, post-doctoral fellowships, visiting researchers, visiting professors, and research fellows.

ADDITIONAL INFORMATION

Publications

Author of more than 150 scientific publications, with 19 Argentinian co-authors, and editor of the "Quaderni della Copl" - conferenzaingegneria.it since its creation by Vito Cardone. All the publications are included in the Research Catalogue of the University of Salerno: <https://docenti.unisa.it/020173/ricerca/pubblicazioni?anno=0>.

- BOOKS/EDITING: *I droni per il rilievo di siti archeologici e la documentazione del paesaggio*, CUA-MAECI, pp 176, 2020; *D-SITE, Drones - Systems of Information on cultural hEritage. For a spatial and social investigation*, Pavia University Press, pp 392, 2020; *Villa Rufolo. Una scoperta che dura da mille anni*, Avagliano Editore, pp 144, 2019; *Territories and frontiers of representation*, Gangemi Editore, pp 1800, 2017; *Modelli grafici dell'architettura e del territorio*, Maggioli Editore, pp 378, 2015; *Revisiones del futuro, previsiones del pasado*, CUES-FLASHBAY, pp 767, 2014; *L'ingegneria edile-architettura*, CUES-COPI, pp 208, 2012; *Le geometrie del decoro architettonico. Sistemi di presa scanning 3D e prototipazione*, CUES, pp 184, 2012; *Tecniche digitali per il rilievo di contatto*, CUES, pp 128, 2008; *Il disegno dei viaggiatori*, CUES, pp 288, 2005; *I vent'anni della Facoltà di Ingegneria di Salerno*, CUES, pp 237, 2004.
- 26 CONTRIBUTIONS IN VOLUMES, 63 PROCEEDINGS, 5 PREFACES/AFTERWORDS, 13 POSTERS, 1 BIBLIOGRAPHICAL NOTE, 1 DRAWING, 3 CATALOGUES, 1 MAGAZINE REVIEW, 1 SOFTWARE.
- JOURNALS: 13 papers in class A journals, "Conservation Science in Cultural Heritage", "Disegnare Idee Immagini", "EGA. Expresión Gráfica Arquitectónica" and "The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences"; 5 papers

in scientific journals, "Virtual Archaeology Review", "diségno", "Paesaggio Urbano" and "Drones"; 2 papers in journals with high impact factor, "Measurement" and "Remote Sensing"; 5 papers in other international journals, "A&P Continuidad" (Argentine), "International Journal of Erosion Control Engineering" (Japan), "International Journal of Conservation Science" (Romania), "EGE. Revista de Expresión Gráfica en la Edificación" and "Biblioteca" (Spain); 1 paper in a magazine, "IS News" (of the Chamber of Engineers).

Projects

- Coordinator of several projects, including: 11 on FUND FOR INVESTMENT IN BASIC RESEARCH, 7 on REGIONAL AND NATIONAL OPERATIONAL PROGRAMMES and 1 on ATTRACTION AND INTERNATIONAL MOBILITY. Promoter of a social innovation project supported by the MINISTRY OF UNIVERSITY AND RESEARCH.
- Responsible for the activities of INTERNATIONAL INTER-UNIVERSITY COOPERATION project, co-funded in 2009-12 with the support of the Argentine PROMEI programme.
- Director of the team of surveyors-engineers for THE GREAT POMPEII PROJECT, which was awarded for the "Region II and extra moenia" lot, in 2014.
- Coordinator of an Italy/South Africa joint project 2018-21, funded within the ITALY/SOUTH AFRICA JOINT RESEARCH PROGRAMME call; with the Tshwane University of Technology in Pretoria, promoter of four proposals co-funded by the Ministry of Foreign Affairs and International Cooperation within the 2018, 2019, 2020 and 2021 "Youth Exchanges" calls.
- Member of research teams for other projects funded by the Ministry of Foreign Affairs and International Cooperation, such as the executive programmes of scientific and technological cooperation with the USA (2015), EGYPT (2018), INDIA and ARGENTINE (in 2019), JAPAN (from 2021).
- Participant in: 3 RESEARCH PROJECTS OF NATIONAL INTEREST; 2 INTERNATIONAL PROJECTS together with the University of Valladolid (Spain) and the National University of Córdoba (Argentine); FP7-PEOPLE and a H2020 with universities of Tucumán and Buenos Aires; "Land of Nineveh Training Project for the Enhancement of the Cultural Heritage of the Kurdistan Region of Iraq" with the NATIONAL RESEARCH COUNCIL - ITABC; the project "Missione Antonio Raimondi: ricerche nella Valle del Calchaqui" (Salta - Argentine, 2018-19), assigned and co-funded by the MINISTRY OF FOREIGN AFFAIRS AND INTERNATIONAL COOPERATION.

Honours and awards

- CIPA Best Paper Award 2013 given to the research "3D digitization and mapping of heritage monuments and comparison with historical drawings" (translated into Mandarin by Tsinghua University and published in Chinese in the World Heritages Magazine, edited by the Ministry of Foreign Affairs of the People's Republic of China, in a 2015 special issue for the 30th anniversary of the ratification of the UNESCO Convention).
- Admitted to the Funding for Investment in Basic Research Activities 2017 with a scientific production score of 42.0 (average value for the academic discipline equal to 24.1).
- ISRS/ICOMOS 3D-ARCH Best Paper 2019 and a UID Best Paper 2021.

Memberships

- Member of the PhD School in "Risk and Sustainability in Civil Engineering, Architecture, Environmental Engineering Systems"; director of five European PhD thesis, one at the Higher Technical School of Architecture of the University of Valladolid (Spain).
- Member of Organizing and Scientific Committees: SELPER - Sociedad Latinoamericana de Especialistas en Percepción Remota y Sistemas de Información Espacial; CIPA - International Committee of Architectural Photogrammetry, promoted by ICOMOS; the Board of the ISPRS International Journal of GeoInformation; the Unione Italiana per il Disegno Scientific Society; and the Asociación Argentina de Profesores de Expresión Gráfica en Ingeniería, Arquitectura y Carreras Afines; etc.