

1. CRITELLI Salvatore

Salvatore Critelli - Curriculum Vitae

INFORMAZIONI PERSONALI: Indirizzo: Università della Calabria, Dipartimento di Ingegneria dell'Ambiente, Via Ponte Pietro Bucci, Cubo 45A, 87036 Rende (CS), Italia E-mail: salvatore.critelli@unical.it
ORCID: 0000-0001-7325-0228

EDUCAZIONE: 1985 M.S. in Scienze Geologiche, Università della Calabria, Itali, summa cum laude
1987 CNR Fellowship at CNR-IRPI, Rende (CS), Italy
1993-1995 Advanced Fellowships at University of California, Los Angeles,
1996-1997: Advanced Fellowships at University of California, Santa Barbara

POSIZIONE ACCADEMICA: 2000-ad oggi Professore Ordinario, Università della Calabria, Dipartimento di Ingegneria dell'Ambiente, Italia; 1988-1999 Ricercatore (1988-1995) e Primo Ricercatore (1995-1999) del Consiglio Nazionale delle Ricerche

ESPERIENZE PROFESSIONALI:

2022: Valutazione in corso: Responsabile dell'Unità UNICAL del Progetto MUR-PRIN 2022 "BERMS - Beach EnviRonMentS: towards a holistic approach for the study of sandy beaches" (Prot. P2022WNCEC).

2022: Valutazione in corso: Coordinatore Nazionale del Project MUR-PRIN 2022 "Source-to-sink analysis of extensional back-arc domains: the Srednogie (Bulgaria) and Adjara-Trialeti (Georgia) sedimentary basins" (Prot. 2022BPAY2P);

2022: Responsabile Scientifico di una Convenzione con ITALFERR per il modello geologico della tratta TAV high-velocity SA-RC; **2022:** Responsabile della Unoità Calabria e Coordinatore dell'Università della Calabria e Membro del Consiglio Scientifico dell'Autorità di bacino Distrettuale dell'Appennino meridionale;

2021: Coordinatore di Progetto dell'ISPRA-CARG 1:50.000 Geological Map of Italy Foglio 544 "Bisignano"

2021: Convenor, Scientific Sessions del Congresso della Geological Society of Italy, Trieste, Italy

2021-2018: Membro del Senato Accademico dell'Università della Calabria

2018-2021: Membro dell'ASN dell'Abilitazione Scientifica Nazionale 2018-2020 area concorsuale 04/A2;

2019: Convenor, Scientific Sessions of the Congress of the International Association of Sedimentologists, Rome, Italy

2017-2020: Coordinatore Scientifico del progetto "Geological Modes and Geodynamics of the Croton Basin" finanziato da ENI E&P.

2017-present: Section Editor di Marine and Petroleum Geology Journal (Elsevier)

2012: Presidente dell'86° Congress of the Geological Society of Italy, september 2012, Rende (CS), Italy;

2012: Editor della Special Issue of Sedimentary Geology volume 280 "Actualistic models of sediment generation";

2011-2013: Coordinatore Nazionale del Progetto MIUR-PRIN 2010 "The Thrace sedimentary basin (Eocene-Quaternary; Turkey, Greece, Bulgaria): stratigraphic-depositional architecture and sediment dispersal pathway within post-orogenic basins";

2010: Organizzatore dell'International Workshop su " Actualistic models of sediment generation" June 2010, Rende (CS), Italy;

2009: Convenor, Scientific Sessions of the Congress of the International Association of Sedimentologists, Alghero (SS), Italy;

2007: Presidente dello Scientific Panel del Congresso Geoitalia dell'Italian Federation of Earth Sciences, Spoleto, Italy;

2007: Editor di uno Special Paper of the Geological Society of America SP-420 "Sedimentary Provenance: Petrographic and Geochemical Perspectives";

2006-2008: Coordinatore Nazionale del Progetto MIUR-PRIN 2006 "Clastic Sedimentation within the Circum-Mediterranean orogenic belts: implications for paleogeographic and paleotectonic evolution";

2005: Responsabile Scientifico e Coordinatore di una Campagna di geologia marina (Progetto OGS-Explora WGD2005) "Morphology and Architecture of the Western Portions of the Gulf of Taranto: a Study of Submarine Instability in a Tectonically Active Margin).";

2004: Membro del Scientific Panel for the 32° International Geological Congress in Florence, Italy e Convenor di una Scientific Session at the 32° International Geological Congress, 2004;

2001-2002: P.I. of the Progetto Bilaterale Italian National Council of Research (CNR) and Spanish Consejo Superior de Investigaciones Científicas (CSIC) Bi-lateral Project Grant, Title: "Composition, Provenance and Dispersal Pathways of Modern and Recent Sediments of the Central-Western Mediterranean Sea: Implications for Paleogeographic and Geodynamic Interpretations of Sedimentary Basins";

2001-2003: Responsabile Scientifico dell'Unità di Ricerca UNICAL del Progetto Nazionale (MIUR-PRIN 2001) "Age and Significance of the Verrucano" redbeds from Betic Cordillera to the northern Apennines. Implications for the paleogeographic and tectonic evolution of the Alpine Orogens in the western Mediterranean Region";

1997-98: P.I. del Progetto Bilaterale "Italian National Council of Research Italian National Council of Research (CNR) and Spanish Consejo Superior de Investigaciones Científicas (CSIC) " Grant, Title: "The effects of source lithology, morphology, transport, deposition and sampling scale on the quantitative provenance of western Mediterranean sand (Iberian Cordillera and Calabrian Arc)";

1997: Italian National Council of Research - Oceanographic Activity Section Grant, title: "Quantitative Provenance, Style and Rate of Sedimentation along the Northeastern Margin of Calabria: The Corigliano Basin, Ionian Sea".

Ricoscimenti e Premi:

1993-94: "**Giorgio Dal Piaz Award**" of the Geological Society of Italy

1997: European Union of Geoscience (EUG), **1997 Outstanding Young Scientist Award**

1997: "**James Lee Wilson Award**" for Excellence in Sedimentary Geology, Society for Sedimentary Geology (SEPM),

1996 and 1997: Two years Finalist of the "Donath Medal" of the Geological Society of America

2009 **Fellow**, Geological Society of America

Aree scientifiche di interesse: Provenienza, diagenesi e modellistica classificativa delle areniti; effetti del weathering, litologia, trasporto e ambienti deposizionali sulla generazione e composizione delle sabbie; sedimenti vulcanoclastici; interpretazione di sedimenti sineruttivi vs. posteruttivi, neovulcanici vs. paleovulcanici e intrabacinali vs. extrabacinali; ricostruzioni Paleogeografiche e Paleotettoniche; Analisi di Bacino; Bacini di Foreland e Accretionary Wedges oceanici, Rifting e bacini di margini divergenti; bacini di Strike-slip.

Aree di ricerca:

Southern Apennines, southern Italy; Sicily, southern Italy; Spain; Makran accretionary prism, SW Pakistan; Himalaya (Pakistan, India, Nepal); Southern and Central California; Baja California (Mexico); Spitsbergen (Svalbard), Norway; Rif Chain, northern Moroc; Greece, Bulgaria and Turkey; Iran.

AFFILIAZIONI PROFESSIONALI: -

Geological Society of America

Società Geologica Italiana

International Association of Sedimentologists (IAS)

American Association of Petroleum Geologists (AAPG)

Society of Economic, Paleontologists and Mineralogists (Society for Sedimentary Geology-SEPM)

FINANZIAMENTI DI RICERCA (PI only):

1997: Italian National Council of Research - Oceanographic Activity Section Grant, title: "Quantitative Provenance, Style and Rate of Sedimentation along the Northeastern Margin of Calabria: The Corigliano Basin, Ionian Sea".

1997-98: Italian National Council of Research (CNR) and Spanish Consejo Superior de Investigaciones Científicas (CSIC) Bi-lateral Project Grant, Title: "The effects of source lithology, morphology, transport, deposition and sampling scale on the quantitative provenance of western Mediterranean sand (Iberian Cordillera and Calabrian Arc)";

2001-2002 P.I. of the Bilateral Project Italian National Council of Research (CNR) and Spanish Consejo Superior de Investigaciones Científicas (CSIC) Bi-lateral Project Grant, Title: "Composition, Provenance and Dispersal Pathways of Modern and Recent Sediments of the Central-Western Mediterranean Sea: Implications for Paleogeographic and Geodynamic Interpretations of Sedimentary Basins".

2001-2003: Scientific Responsible of Research Unit in the National Project (MIUR-PRIN 2001) "Age and Significance of the "Verrucano" redbeds from Betic Cordillera to the northern Apennines. Implications for the paleogeographic and tectonic evolution of the Alpine Orogens in the western Mediterranean Region"

2006-2008: National Coordinator of the National Project MIUR-PRIN 2006 "Clastic Sedimentation within the Circum-Mediterranean orogenic belts: implications for paleogeographic and paleotectonic evolution"

2011-2013: National Coordinator of the National Project MIUR-PRIN 2010 "The Thrace sedimentary basin (Eocene-Quaternary; Turkey, Greece, Bulgaria): stratigraphic-depositional architecture and sediment dispersal pathway within post-orogenic basins"

2017-2020: Scientific Coordinator of the project "Geological Modes and Geodynamics of the Croton Basin" financial supported by ENI E&P.

2022-2024: Responsible of the local Unit, Coordinator of the University of Calabria and member of the Scientific Committee of the District basin authority of the southern Apennines (Autorità di bacino Distrettuale dell'Appennino meridionale)

2021-2025: Coordinatore di Progetto dell'ISPRA-CARG 1:50.000 Geological Map of Italy Foglio 544 "Bisignano"

2022: Valutazione in corso: Coordinatore Nazionale del Progetto MUR-PRIN 2022 "Source-to-sink analysis of extensional back-arc domains: the Srednogie (Bulgaria) and Adjara-Trialeti (Georgia) sedimentary basins" (Prot. 2022BPAY2P).

2022: Valutazione in corso: Responsabile dell'Unità UNICAL del Progetto MUR-PRIN 2022 "BERMS - Beach EnviRonmentS: towards a holistic approach for the study of sandy beaches" (Prot. P2022WNCEC).

RELAZIONI AD INVITO A CONGRESSI:

2022 SGI-SIMP Congress, Torino, 19-21 settembre 2022

2022 GEOSD, 27 maggio 2022

2020 Invited Lecture Chinese Acad. Geol. Sci. (Beijing);

2019 Invited Lecture International Association of Sedimentologists, Rome, Italy september 2019.

2012 Invited Lecture at WGSG, Gottingen, Germany;

2010 WGSG Meeting in Rende (CS), Italy;

2009 Invited Plenary Lecture Geological Society of Germany, Gottingen;

2008-1992 e molti altri dal 1992 in Meetings e Congressi Nazionali e Internazionali.

REVISORE DI PROGETTI per:

European Science Foundation,
National Science Foundation (USA),
National Research Council of Italy,
Italian Department of Education (MIUR/MUR),
Swiss National Science Foundation;
Czech Science Foundation.

SERVIZI EDITORIALI E ATTIVITA' IN RIVISTE SCIENTIFICHE:

Section Editor, "Marine and Petroleum Geology" Journal (Elsevier);
Editorial Board, "Geosciences" (MDPI);
Editorial Board, "Petroleum and Petrochemical Engineering Journal" (Medwin Pub.);
Editorial Board, "Italian Journal of Geosciences" Editorial Board,
Editorial Board, "Geological Fieldtrips and Maps"
Editorial Board, "Journal of Mediterranean earth Sciences

COLLABORAZIONI INTERNAZIONALI e NAZIONALI:

University of California, Los Angeles; California State University, Northridge; University of California, Santa Barbara;
Università di Bologna; Università di Palermo; Università di Catania; Università di Bari; Università di Cagliari; Università di Sassari; Università di Perugia; Università di Roma "La Sapienza"; Università di Roma Tre; Università Federico II, Napoli;
Università della Basilicata; Università Partenope Napoli; Universidad de Alicante, Spain; Universidad de Granada, Spain;
Universidad Complutense de Madrid, Spain; University of Tanger, Morocco; Georg-August University Göttingen,
Germany; Friedrich - Alexander University, GeoZentrum Nordbayern, Erlangen 91054, Germany; University of Leuven,
Department of Geology, Belgium; Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS-Sgonico
(Trieste); CNR-IRPI, Rende (CS); CNR-ISMAR, Napoli; Shahrood University of Technology, Faculty of Earth Sciences,
Shahrood, Iran; Sedimentary Basins and Petroleum Department, Faculty of Earth Sciences, Shahid Beheshti University,
Tehran, Iran; Bulgarian Academy of Sciences; Istanbul Technical University, Turkey; ENI S.p.A.; ARPACAL.

INDICI BIBLIOMETRICI:

GoogleScholar: documents: 150; total citations: 6477; h-index: **50**; i-10 index: 125

ISI Web of Science: documents: 128; total citations: 4016; h-index: **43**

SCOPUS: documents: 152; total citations: 4429; h-index: **44**

IMPACT FACTOR TOTALE (IF): 351,981