

PERSONAL INFORMATION

Carlo Bifulco



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<http://www.isa.utl.pt/ceabn/membro/2/53/carlo-bifulco>

Sex M | Date of birth 04/10/1955 | Nationality Italian

WORK EXPERIENCE

10/2017 – 07/2021

Adjunct Professor (part-time)

College of Agriculture, Polytechnic Institute of Coimbra

Teaching Soil and Water Bioengineering in the Forest Resources Master Degree.

[Teaching Soil and Water Bioengineering](#)

09/2016 – 08/2020

Director

Monti Sibillini National Park

Piazza del Forno, 1 62039 Visso (MC) – Italia

<http://www.sibillini.net/>

[In charge of technical, administrative and financial management; responsible for human resources.](#)

[Responsible for wild boar control projects and biodiversity management and conservation projects.](#)

[Responsible for issuing permits, authorizations, and Natura 2000 EIA.](#)

Responsible for PNMS action plans and operational objectives. Responsible for Carabinieri Park Department Operation Plan. Responsible for the logistics management of the PNMS during the seismic emergency (September 2016 - August 2020) Responsible for the technical, financial, and administrative management relating to the extraordinary funds attributed to the PNMS relating to the seismic emergency. Responsible for the program funded in 2019 by the Environment Ministry related to the adaptation and mitigation of climate change.

Proponent of wooded lands acquisitions, and for specific management measures for the Natura 2000 sites in the PNMS funded by the Environment Ministry; Proponent of the PNMS participation in Healthy People Healthy Parks project of EUROPARC federation; Proponent and responsible for the definition of 19 locations in the PNMS appropriate and adequate for carrying out Forest Bathing activities; Proponent of an international event, developed with EUROPARC (2020), on parks as a reservoir of people health. Proponent of an international cooperation project (Spain, Portugal, and Italy) on Forest Bathing.

[Natural Resources Management, International Cooperation projects, Soil Bioengineering projects.](#)

01/2009 - ongoing

Researcher (01/2009-08/2016) Collaborator (09/2016- ongoing)

Centre for Applied Ecology (InBio), School of Agriculture, University of Lisbon, Portugal

<http://www.isa.utl.pt/ceabn>, <http://www.isa.utl.pt/ceabn/membro/2/53/carlo-bifulco>

In charge of Soil Bioengineering project "Malveira junction A21 highway slope stabilization"

<http://www.isa.utl.pt/ceabn/projecto/2/78/soil-bioengineering-project-stabilizing-slopes-at-malveira-junction-a21-highway-portugal>

In charge of the university project "Soil and Water Bioengineering for landscape project in urban and periurban areas in Mediterranean region (Ingegneria naturalistica per la progettazione paesaggistica in aree urbane e periurbane caratterizzate da clima mediterraneo)", funded by Italian Ministry of University and Research within the program "Messengers for knowledge"

<http://hubmiur.pubblica.istruzione.it/alfresco/d/d/workspace/SpacesStore/a68b820d-85d3-4513-abad-3f553e35f689/Graduatoria-Ammessi.pdf>

Researcher in international cooperation projects FP7 DROUGHT, FP6 FIRE PARADOX

Visiting lecturer of Soil Bioengineering.

<http://www.isa.utl.pt/ceabn/membro/2/53/carlo-bifulco>

[International Cooperation projects, Natural Resources Management, Soil Bioengineering, Teaching.](#)

11/2005 -12/2008

Twining resident advisor, long-term expert, short-term expert

Italian Ministry of Environment; Open Plan Consulting, Via Nazionale 17, 50123 Florence Italy; Cispel

Confservizi Toscana, Via Alamanni 41 50100 Florence Italy; Ministry of Nature Protection of the Armenian Republic.

Twinning resident advisor, Morocco, 2006-2007, in charge of twinning management on European environmental directives;

Twinning short-term expert, Romania, 2007, in charge of training courses on Soil Bioengineering;

Short-term expert Morocco 2008, responsible for a bilateral cooperation agreement;

Long-term expert Armenia 2008 in charge of training program for national park staff.

[International cooperation projects](#), [Environmental programs](#)

05/2004 – 07/2006 **Part-time lecturer**

University Federico II of Naples, Italy (Agronomy, Geography, Veterinary Departments), University of Murcia, Spain

Teaching Soil Bioengineering and Natural Park Management in Master´s Degrees.

[Teaching](#), [Soil Bioengineering](#), [Natural Resources Management](#)

04/1997 – 10/2005 **Director**

Vesuvius National Park, Piazza Municipio 8, 80040 San Sebastiano al Vesuvio (Naples), Italy
<http://www.epnv.it/>

[In charge of technical, administrative and financial management](#); [responsible for human resources](#).
[Responsible for wild boar control projects and biodiversity management and conservation projects](#).
[Responsible for issuing permits, authorizations](#).

Responsible for the “Naturalistic Master Plan” and the “Multiannual Economic and Social Plan” of the Vesuvius National Park. Proponent and steering committees Chairman of international cooperation projects funded by EU. Coordinator of investment programs funded by Italian Ministries or by Campania regional body. Responsible for the naturalistic bioengineering works made in the Vesuvius National Park.

[Natural Resources Management](#), [Soil Bioengineering projects](#), [International cooperation projects](#)

02/1997 – 07/2005 **Member of the Technical and Scientific Committee of the Natural Reserve “Cratere degli Astroni”, Campania, Italy**

WWF Italia. http://www.wwf.it/oasi/campania/cratere_degli_astroni/
Strategic decisions about reserve management.

[Natural Resources Management](#), [Soil Bioengineering](#)

10/1991 – 10/1997 **Part-time researcher**

Institute for Land Planning and Management (I.Pi.Ge.T.) of the National Research Council in Naples (CNR), Naples Research Area, Via Castellino 111, Napoli, Italia

Contributing to research project “Natural Parks and Protected Areas in continental Southern Italy”.

[Natural Resources Management](#)

07/1987- 03/1997 **Middle management staff**

Informatica Campania spa - FINSIEL Via Caracciolo 15, Napoli, Italia

Project management, information systems development, computing methodologies development, vocational training

[Business and Management Software](#), [Project Management](#)

EDUCATION AND TRAINING

01/2010 – 11/2015 **Ph. D. in Forestry and Natural Resources Engineering**

Centre for Applied Ecology "Prof. Baeta Neves" (InBio), School of Agriculture, University of Lisbon (Portugal)

Applied Landscape Ecology;
Statistics and Experimental Design;
Soil Bioengineering;
Vegetation in the Urban Space;

Management of Plant Communities and Agro-Forestry Systems;
Management and Conservation of Freshwater Ecosystems.

10/1974 – 01/1980

Degree in Electrical Engineering – (Laurea in Ingegneria Elettrotecnica, 110 cum laude/110)

Department of Engineering, University Federico II of Naples (Italy).

Mathematics, Physics,
Engineering,
Electrical Engineering.

10/1969 - 07/1974

High School diploma, classical studies (Diploma di Maturità Classica)

Liceo classico Jacopo Sannazaro, Naples , Italy

Old Greek, Latin, Italian Literature
History, Philosophy,
Mathematics, Physics

PERSONAL SKILLS

Mother tongue

Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2
Portuguese	C2	C2	C2	C2	C2
Spanish	A2	B1	-	-	-

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Verbal: Teaching, Critical Listening, Data Presentation, Audience Awareness;
Written: Academic Writing; Critical Reading; Data Presentation.
Non-Verbal: Gestures and position interpretation

Organisational / managerial skills

Definition of working methodologies about data collection and analysis;
Tasks' subdivision and objectives' definition;
Coordination of projects with a lot of partners and/or work-packages;
Effective time management, ability to multi-task;
Human Resource Management and Motivation;
Multi-stakeholder dialogue;
Adaptation to multicultural environments;
Interdisciplinary solutions;
Management of short-term tasks.

Job-related skills

Working specialisations

Planning and implementation of integrated programmes on biological, rural, cultural and territorial management.
Management of national parks, planning of large areas.
Planning and implementation of vocational and academic training.
Development and coordination of international cooperation projects.
Development and coordination of applied researches and project about Soil Bioengineering.

Lectures Visiting Lecturer at University of Palermo (Italy) Architecture's Department, teaching "Soil Bioengineering and Landscape Architecture in Mediterranean Areas" (2013).
 Visiting Lecturer at University of Alto Douro (Vila Real, Portugal) teaching "Soil Bioengineering in Forest Areas" (2010)
 Visiting Lecturer at University of Murcia (Spain) teaching "Business Administration of Biodiversity" (2006)
 Visiting Lecturer at University "Federico II" of Naples teaching "Soil Bioengineering" (2006, 2005)
 Visiting Lecturer at University "Federico II" of Naples teaching "Landscape Management in Campania Region" (2005)
 Visiting Lecturer at University "Federico II" of Naples teaching "Soil Bioengineering" (2002)

Regional programs and projects Technical and scientific coordinator of the wild boar control project in the Monti Sibillini National Park (09/2016-08/2020) funded by Italian Ministry of Environment
 Technical and scientific coordinator of Monti Sibillini National Park activities within cooperation projects WOLFNET 2.0, LIFE+ TROTA, LIFE+ STREAMS (09/2016-08/2020) funded by Italian Ministry of Environment and European Union
 In charge of Soil Bioengineering project for slope landslide recover and ecosystem restoration in a municipal are, Praia do Telheiro, in Sagres (Portugal). Funded by Municipality and local and national NGOs (January 2017 – April 2017)
 In charge of Soil Bioengineering project for slope landslide recover and ecosystem restoration in a private area in Caparica (Portugal). Funded by private owners (January 2015 – May 2015)
 In charge of Soil Bioengineering project for slope stabilization and landscape integration at Malveira junction (A21 highway, Portugal). Funded by Estradas de Portugal, SA (January 2013 - June 2015)
 In charge of Soil Bioengineering Works Program on the Grand Cone of Vesuvius (2005), Manager of "Vesuvius Regional Development Program" (Progetto Integrato Territoriale Vesevo). Funded by Campania regional body and EU (2000-2006).
 In charge of "Acquisition and Reuse of camorra's building in Vesuvius National Park" (de Medici Castle and Di Prisco Manor) (2004-2005), funded by Italian Government
 In charge of Soil Bioengineering Works and Touristic Paths' Implementation of Vesuvius National Park, funded by Italian Ministry of Environment (1997-2003)

Memberships Member of the Register of Engineers' Association of Naples since 1987.
 Member (expert teacher) of the Italian Soil Bioengineering Association (AIPIN) since 2004.
 President of the Portuguese Soil Bioengineering Association, APENA (2013-2017), APENA board member (2017-ongoing)
 Member of the Italian Official Register of National Parks Directors (Ministry Decree 14.04.1994).
 Associated Editor of CIÊNCIA FLORESTAL, review of Santa Maria Federal University (BR) since 2013.

International cooperation projects "Messengers for knowledge" project 181 Soil and water bioengineering for landscape design in urban and peri-urban areas characterized by Mediterranean climate. Funded by Italian Ministry of University and Research (2013-2014), Responsible teacher.
 "DROUGHT Fostering European Drought Research and Science-Policy Interfacing" FP7 project about droughts and water scarcity management, funded by EU (2011-2015), www.eu-drought.org, Researcher.
 "FIRE PARADOX" FP6 project about forest wildfire management, funded by EU (2009-2010), www.fireparadox.org, Researcher and Executive Secretary.
 Representing "CISPEL CONFSEVIZI" of Florence (Italy) at the signature of partnership with Oujda's Wilaya (Morocco) to fund local aqueduct construction (2008).
 "Long-term and Short-term Training Programs for Protected Areas Staffs" project for the Ministry of Nature Protection of the Republic of Armenia, funded by World Bank (2008) Long-term Expert
 EU PHARE project RO 2004/016-941.01.01.02 "Mutual management Romania-Republic of Moldova for biodiversity conservation between the two countries" (2008) Short-term Expert.
 EU twinning project RO/2004/IB/EN06 "Romania - Europe Union - Development of Northeast Romanian Environmental Protection Agency" (2007) short-term expert.
 EU twinning project MA04/AA/EN03 "Technical support to Environment Ministry of Morocco to develop an integrated management of environment" (2006-2007) Resident Twinning Advisor.
 EU INTERREG IIIB MEDOCC "RECOFORME" project about sustainable forest management (2004-2005), Steering Committee Chairman.
 EU INTERREG IIIC "Parks Network" project about natural parks' management (2004-2005), Steering Committee Chairman.

EU LEONARDO "Alentejo Leonardo" project about Soil Bioengineering training in the Vesuvius National Park of twelve students Portuguese of Evora's University (2004-2005). Student mentor.

EU INTERREG IIIB MEDOCC "DESERTNET" project about techniques against land desertification (2003-2004), Regional focal point.

EU INTERREG IIC "FORET" project about Mediterranean forest management issues (1999-2000), Regional focal point.

Computer skills Excellent command of: Microsoft Office™ tools (Word, Excel, PowerPoint, Project); information research tools; data and function analysis techniques to develop information systems.

Driving licence A and B

ADDITIONAL INFORMATION

International Conferences

ECOMED Fourth PSC Meeting organized by Ecomed Erasmus+, EFIB and Istituto Superiore I.I.S. Fermi Filangieri in Formia (May 2018), speaker.

ECOMED "Giornata di Studio" - "L'Ingegneria Naturalistica nel Contrasto al dissesto idrogeologico e nella difesa della costa in ambito mediterraneo" organized by Ecomed Erasmus+, EFIB and Provincia di Pesaro Urbino in Pesaro (May 2018), keynote speaker.

ECOMED Workshop about formation in soil and water bioengineering organized by Ecomed Erasmus+, EFIB and Universidade de Evora in Evora (March 2018), speaker.

MATER, MAterials and techniques in Ecological Restoration International Symposium organized by Parco Regionale dei Nebrodi and AIPIN in S.Agata di Militello (October 2017), speaker.

INGEGNERIA NATURALISTICA IN AMBITO MEDITERRANEO organized by ECOMED ERASMUS+ PROJECT in Roma (October 2017), speaker.

EUROPARC CONFERENCE 2017, organized by Europarc Federation in São Pedro do Sul (Settembre 2017), workshop keynote speaker.

II Meeting Report(h)a – Environmental Changes in Historical Perspective, organized by Universidade de Lisboa and Universidade Nova de Lisboa, in Lisbon (May 2011), environmental conflicts and policies session, session chairman.

"8º Congresso Rodoviário Português" organized by *Laboratório Nacional de Engenharia Civil (LNEC)* in Lisbon (April 2016), speaker.

"7th International Conference on Forest Fire Research" organized by *ADAI, University of Coimbra* (November 2014) speaker.

International congress "Bioingegneria e Infrastruttura Verde". organized by *Spanish Association for Soil Bioengineering (AEIP)* in Vitoria Spain (October 2014). Keynote speaker

"99th Ecological Society of America Annual Meeting". Organized in Sacramento, CA, USA, August 10-15, 2014. speaker

International Symposium *Ingegneria Naturalistica per la difesa del suolo e il recupero del territorio* organized in Sant'Agata di Militello (Italy) by Parco Naturale dei Nebrodi and Associazione Italiana per l'ingegneria Naturalistica (AIPIN), (October 2012), speaker.

International Symposium "Cascais World Forum 2012 ; Soil Bioengineering and Land Management New Challenges" organized in Cascais (Portugal) by *Associação Portuguesa de Engenharia Natural (APENA), Asociación Española de Ingeniería del Paisaje (AEIP), European Federation for Soil Bioengineering (EFIB)*, (September 2012), speaker.

International Symposium "Green infrastructures for biodiversity" organized in Cascais (Portugal) by *Cascais City Hall, Cascais Natura Environmental Agency, Portuguese Greenways Association (APCV)*, (September 2011), speaker.

International conference Symposium "Biodiversity and management of protected areas" organized by *ICNB* (conferences' cycle GREEN FUTURE) held in Lisbon, July 7, 2010, speaker.

International conference "Rostos e lugares de hospitalidade" organized in Porto (Portugal) by *Universidade Católica Portuguesa* (February 2009), speaker.

International conference "The vitality of cork and holm oak forests, actual conditions, state of knowledge and actions to take" organized in Evora, Portugal by *DGRF, AIFM, WWF e FAO* (October 2006), session chairman.

Workshop "Towards the design of an integrated programme aimed at promoting the recovery and restoration of cork and holm oak forests" organized in Evora, Portugal by *DGRF* (October 2006),

chairman of the workgroup "Building recognition and support for oak landscapes".

Final Conference of COST Action E27 "Protected Forest Areas in Europe Analysis and Harmonisation" organized in Barcelona (Spain) by *Centre Tecnologic Forestal de Catalunya* and *Universidad Complutense de Madrid* (February 2006), keynote speaker.

Regional Forum "Secteur forestier Méditerranéen et développement durable : défis politiques et gouvernance" organized in Rabat (Morocco) by *Plan Bleu pour le développement en Méditerranée* (November 2005), session chairman and speaker.

Mid-term Seminar "Capitalize the experience of transnational cooperation: paving the way for the future" organized in Salonica (Greece) by *INTERREG III B Medocc JTS* (June 2005), speaker.

Start-up meeting INTERREG PARKS NETWORK project organized in Napoli (Italy) by *Vesuvius National Park* (January 2005): chairman.

Start-up meeting INTERREG RECOFORME project organized in Murcia (Spain) by *Murcia Region* (November 2004): chairman.

Meeting of the General Directors of the EU Forest Services organized in Ercolano (Italy) by *Corpo Forestale dello Stato* and *Vesuvius National Park* (November 2003): speaker.

International Workshop "Protected volcanoes" organized in Ercolano (Italy) by *Vesuvius National Park* (November 2003): chairman.

Expert Workshop "Landscape restoration in the Mediterranean Region" organized in Castellabate (Italy) by *IUCN* and *AIFM* (May 2003): chairman and speaker.

International Workshop "La floresta mediterránea: ¿qué herencia? ¿Qué futuro?" organized in Madrid (Spain) by *Casa di Velázquez* (February 2000): speaker.

NGO Memberships

Member of the Board of the *Liga para a Proteção da Natureza*, a Portuguese environmental NGO based in Lisbon established since 1948 (2013 - 2017).

Member of the Board of the *Association Internationale Forêts Méditerranéennes*, an international NGO based in Marseille (France) (1996-2006); Secretary of AIFM (2002-2006).

Member of the *Legambiente* Scientific Committee (1999-2005).

President of the *WWF* Regional Delegation of Campania (1992-1993).

Member of the Parks Group of *WWF* Italy (1992-1997).

Publications

Books

Guerrera, G., Bifulco, C., Pirrera, G., Calvo, R., Conti, G., Rizzo, F., Tagliabue, A., Trombino, G. *Ingegneria Naturalistica e Paesaggio mediterraneo. Progetto Messaggeri della conoscenza ID181: Ingegneria naturalistica per la progettazione paesaggistica in aree urbane e periurbane caratterizzate da clima mediterraneo*. Dipartimento di Architettura Università di Palermo, 2014. 131 p.

http://www.researchgate.net/publication/275080587_Ingegneria_Naturalistica_e_Paesaggio_mediterraneo_progetto_MIUR_messaggeri_conoscenza_ID181?channel=doi&linkId=553219b00cf27acb0dea579&showFulltext=true

Silva, J., Antunes, C., Bifulco, C. (Eds.). *Soil Bioengineering and land management – new challenges*. APENA. Lisboa. 2014. 291p. ISBN:978-989-20-4788-1

<http://www.apena.pt/wp-content/uploads/2017/12/Cascais-world-forum-2012.pdf>

Bifulco C. (Ed.). *Problematiche delle foreste mediterranee, sei atelier per discutere della foresta mediterranea, Parco nazionale del Vesuvio*, 2003. 191 p.

Bifulco C. (Ed.). *Interventi di ingegneria naturalistica nel Parco nazionale del Vesuvio, Parco nazionale del Vesuvio*, 2001. 192 p + XVI.

http://www.vesuviopark.it/pnv/comunicazione/libri/ING_NAT_media.PDF

Bifulco C., Romano G., Maglione C. (Eds.) – *Le Fonti normative e i regolamenti del Parco nazionale del Vesuvio, Parco nazionale del Vesuvio*, 2001, 402 p.

Book chapter

Greco, R., Bifulco, C., Salvi, P., Tartarino, P. *Premessa*. In AA.VV. *Piano delle attività di previsione e lotta attiva contro gli incendi boschivi – periodo di validità 2019-2023, Parco Nazionale dei Monti Sibillini*, 2020, p. 1-16

www.sibillini.net/attivita/documenti/pianoAntincendio/files/PIANO_AIB_2019_2023_REVISIONE.pdf

Greco, R., Bifulco, C., Tartarino, P. *Zonizzazione degli interventi*. In AA.VV. *Piano delle attività di previsione e lotta attiva contro gli incendi boschivi – periodo di validità 2019-2023, Parco Nazionale dei Monti Sibillini*, 2020, p. 105-108

Greco, R., Bifulco, C., Tartarino, P. Prevenzione. In AA.VV. Piano delle attività di previsione e lotta attiva contro gli incendi boschivi – periodo di validità 2019-2023, Parco Nazionale dei Monti Sibillini, 2020, p. 109-118

Greco, R., Bifulco, C., Salvi, P., Tartarino, P. Piano degli interventi di prevenzione e possibilità di finanziamento. In AA.VV. Piano delle attività di previsione e lotta attiva contro gli incendi boschivi – periodo di validità 2019-2023, Parco Nazionale dei Monti Sibillini, 2020, p. 119-130

Greco, R., Bifulco, C., Salvi, P., Tartarino, P. Monitoraggio e aggiornamenti annuali. In AA.VV. Piano delle attività di previsione e lotta attiva contro gli incendi boschivi – periodo di validità 2019-2023, Parco Nazionale dei Monti Sibillini, 2020, p. 135-136

Dias, S., Acácio, V., Bifulco, C., Rego, F. Improving Drought Preparedness in Portugal. In Iglesias, A., Assimacopoulos, D., Van Lanen H.A.J. (Eds.). *Drought: Science and Policy*, Wiley-Blackwell, 2018, p.183-200.

Papers

Bifulco, C., Il Forest Bathing nel Parco Nazionale dei Monti Sibillini, *Natura & Montagna*, LXVII N.2, March 2021, p. 21-24.

Carosi, A., Barelli, M.G., Ambrosi, A., Rossetti, A., Padula, R., Bifulco, C., Morandi, F., Lorenzoni, M. Conservation status of *Chirocephalus marchesonii* Ruffo & Vesentini, 1957 in the Pilato Lake (Sibillini Mountains National Park, Central Italy), *Fundamental and Applied Limnology* Volume 194 Nr. 3, 2021, p. 171-185.

[DOI: 10.1127/fal/2020/1292](https://doi.org/10.1127/fal/2020/1292)

Rey, F., Bifulco, C., Bischetti, G.B., Bourrier, F., De Cesare, G., Florineth, F., Graff, F., Marden, M., Mickovski, S.B., Phillips, C., Peklo, K., Poesen, J., Polster, D., Preti, F., Rauch, H.P., Raymond, P., Sangalli, P., Tardio, G., Stokes, A. Soil and water bioengineering: Practice and research needs for reconciling natural hazard control and ecological restoration *Science of The Total Environment* Volume 648, 15 January 2019, p. 1210-1218.

<https://www.sciencedirect.com/science/article/pii/S0048969718331814>

Bifulco, C., Pereira, A., Ferreira, V., Mota, A., Martins, L., Rego, F. “A estabilização do talude do Nó de Malveira na A21. Um projeto de integração de Engenharia geotécnica e Natural”. In: *Atas do 8º Congresso Rodoviário Português* Lisboa, 12-14 abril 2016, LNEC, p. 1-10.

www.crp.pt/docs/A48S178-8_CRP_T4_037.pdf

Bifulco, C., Pereira, A., Ferreira, V., Mota, A., Martins, L., Rego, F. “A Engenharia Natural no talude do Nó de Malveira na A21, um ano depois da sua renovação. questões operacionais, resultados e sucessos”. In: *Atas do 8º Congresso Rodoviário Português* Lisboa, 12-14 abril 2016, LNEC, p. 1-11.

www.crp.pt/docs/A48S178-8_CRP_T4_039.pdf

Bifulco, C., Pereira, A., Ferreira, V., Mota, A., Martins, L., Sousa, M.J., Rego, F. “Benefícios económicos e ecológico da aplicação da banqueta viva “a Portuguesa”, nova técnica de Engenharia Natural implementada no talude do Nó de Malveira (A21)”. In: *Atas do 8º Congresso Rodoviário Português* Lisboa, 12-14 abril 2016, LNEC, p. 1-9.

www.crp.pt/docs/A48S178-8_CRP_T4_038.pdf

Stahl, K., Kohn, I., Blauhut, V., Urquijo, J., De Stefano, L., Acacio, V., Dias, S., Stagge, J. H., Tallaksen, L. M., Kampragou, E., Van Loon, A. F., Barker, L. J., Melsen, L. A., Bifulco, C., Musolino, D., de Carli, A., Massarutto, A., Assimacopoulos. “Impacts of European drought events: insights from an international database of text-based reports”. *Natural Hazards and Earth System Sciences* 16, 2016, p. 801-819.

<http://www.nat-hazards-earth-syst-sci.net/16/801/2016/>

Gunst, L., Rego, F., Dias, S., Bifulco, C., Stagge, J.H., Rocha, M., Van Lanen, H.A.J. “Impact of meteorological drought on crop yield on Pan-European scale, 1979 – 2009”. In: Andreu, J. et al. (Eds.) *Drought: Research and Science-Policy Interfacing*. CRC/Balkema Publishers. 2015, p: 113–117.

<http://www.crcnetbase.com/doi/abs/10.1201/b18077-19>

Bifulco, C., Pereira, A., Ferreira, V., Mota, A., Martins, L., Rego, F. Renewing dangerous highway slopes in Portugal. *Ingenieurbiologie* 3, 2015, 43-50.

https://issuu.com/ingenieurbiologie/docs/ingenieurbiologie_2015_3

Rego, F., Bifulco, C., Dias, S., Massarutto, A., Musolino, D., Carli, A. “Crop yields and prices as affected by drought”. In *International Conference on Drought: Research and Science-Policy Interfacing* proceedings. Valência, Espanha, 2015.

http://www.icdrought2015.upv.es/docs/P35_Rego.pdf

Bifulco, C., Dias, S., Rego, F., Stagge J.H., “Assessing the association of drought indicators to impacts. The results for areas burned by wildfires in Portugal” in Viegas D. X. (Ed.), *Advances in Forest Fire Research*. 2014. p. 1054-1060

http://www.isa.utl.pt/ceabn/uploads/docs/publicacoes/Bifulco_et_al_nov_2014.pdf

Bifulco, C., Giugliano, P., Rego, F. “Evolution of shrub communities in soil bioengineering projects on Vesuvius”. In *VIII congresso AEIP BIOINGENIERÍA e INFRAESTRUCTURA VERDE: una oportunidad*

para la biodiversidad y el empleo Proceedings. 2014.

http://www.researchgate.net/publication/267288558_Evolution_of_shrub_communities_in_soil_bioengineering_projects_on_Vesuvius

Bifulco, C., Ferreira, V., Pereira, A., Rego, F. "Slope stabilization and landscape integration using soil bioengineering research results, at Malveira junction A21 highway, Portugal". In *VIII congresso AEIP BIOINGENIERÍA e INFRAESTRUCTURA VERDE: una oportunidad para la biodiversidad y el empleo* Proceedings. 2014.

http://www.researchgate.net/publication/268801605_Slope_stabilization_and_landscape_integration_at_Malveira_junction_using_soil_bioengineering_research_results_A21_highway_Portugal?channel=doi&linkId=5475e4690cf29afed612be8f&showFulltext=true

Calvo R, Conti, G., Rizzo, F., Tagliabue, A., Trombino, G., Bifulco, C. "Vegetative propagation of *Ruta chalepensis* L., pioneer species in stony soils and limestone". In *VIII congresso AEIP BIOINGENIERÍA e INFRAESTRUCTURA VERDE: una oportunidad para la biodiversidad y el empleo* Proceedings. 2014

http://www.isa.utl.pt/ceabn/uploads/docs/publicacoes/POSTER_Vegetative_propagation.pdf

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