



WORK EXPERIENCE

Marina Baldi

Consiglio Nazionale delle Ricerche Roma, Italy

Present affiliation: Associated Senior Scientist

22/12/2025 - Current

- Research activity
- Mentoring of young scientist
- Coordinator of Training activities for the WMO-RTc in Italy

Consiglio Nazionale delle Ricerche Florence, Italy

Director of the WMO Regional Training Center in Italy

2014 - Current

As RTC Director, monitor, plan and annually report on the activities of the RTC, promote its services, and seek ways of expanding the RTC ability to address the regional education and training needs.

Oversee the planning and managing of international courses offered, including the involvement of interested national and international stakeholders.

Consiglio Nazionale delle Ricerche Roma, Italy

Business or sector Professional, scientific and technical activities

Senior Scientist

16/12/1988 - 30/09/2025

Imperial College London, United Kingdom

Junior Scientist

1987 - 1987

Work on numerical modelling effort of the western Mediterranean in order to set up an ocean model appropriate for a semi-enclosed basin

International Institute for Applied System Analysis - IIASA

Laxenburg, Austria

Research Associate

1993 - 1995

Development of an integrated assessment model for tropospheric ozone in Europe

British Columbia University, Department of Geography - Atmospheric Science Group Vancouver, Canada

Research Associate

1995 - 1996

Research Associate expert in atmospheric modelling and chemistry in the framework of the Project Pacific 93

Colorado State University - Dpt of Atmospheric Sciences Fort

Collins - Colorado, United States

Research Associate

1991 - 2001

Visiting Scientist at the CSU several times (1991, 1997, 2001) as expert in Atmospheric Modelling at Mesoscale

University of Viterbo "La Tuscia" Viterbo, Italy

● **Professor of Meteorology and Climatology**

1998 - 2001

Main professor for the course of Meteorology and Climatology for Master students of the Dpt of Environmental Sciences during the following Academic Years: 1998-99, 1999-2000, 2000-2001

● **Research Institute of Applied Mechanics (RIAM) at Kyushu University** Fukuoka

Research Associate

02/11/1999 - 30/03/2000

Senior Scientist expert in climate modelling and dust transport in the atmosphere

● **NIWA** Auckland, New Zealand

Senior Scientist

01/10/2007 - 30/09/2008

- Senior Scientist expert in climate change and variability

- Scientific Projects coordinator

● **Italian Geophysical Association (AGI)** Roma, Italy

President of the Italian Geophysical Association

2011 - 2016

Legal representative of the company

Manage and conduct the association and promote Geophysics and related sciences in the civil society

Maintain and favor the contacts with other National and International Associations in order to advance the science, profession and application of Geophysics

● **Consiglio Nazionale delle Ricerche** Roma, Italy

Responsible of the branch in Rome of the Institute for the BioEconomy CNR-IBE (former Institute of Biometeorology CNR-IBIMET)

2006 - 30/05/2025

General management of the branch of the Institute for the BioEconomy in Rome (CNR-IBE) and relation between the local branch with the main offices. Responsible also for the security on the workplace.

EDUCATION & TRAINING

29/04/2019 - 02/06/2019 Distance learning

● **Certificate of Completion - 2019 WMO/Eumetcal Advanced Online Course for Trainers on Blended Learning** World Meteorological Organization

16/02/2015 - 31/05/2015 Distance Learning

● **Certificate of Completion - WMO Course for Trainers of RA-VI** World Meteorological Organization

Training for managers of education centres

2014 - 2014

● **Certificate of Completion in "How to create your key message: tips for effectively dealing with the media"** European Meteorological Society

National classification: Certificate of achievement

2011 - 2011

● **Certificate of Completion in Communication skills for climatologists** European Meteorological Society

National classification: Certificate of achievement

1998 - 1998 Vancouver, Canada

● **Certificate of Completion in Security of IT Systems** University of British Columbia

General background on security of IT systems

National classification: Certificate of attendance

1991 - 1991 Fort Collins - Colorado, United States

● **Certificate of Completion on Nonlinear dynamical systems** Colorado State University

To furnish knowledge and familiarity about concepts and methods of dynamical system theory

National classification: Certificate of attendance

Trieste, Italy

● **Certificate of Completion in Atmospheric Air Pollution Modelling** ICTP

Basics of "Atmospheric Air Pollution Modelling", software, data analysis, tools

National classification: Certificate of Attendance

1978 - 1985 Roma, Italy

● **Laurea in Physics** University of Rome "La Sapienza"

National classification: Laurea

1983 - 1984 Roma, Italy

● **Specialization in Geophysics** University of Rome "La Sapienza"

University course offering the basics in Geophysical fluid dynamics with emphasis on Atmospheric flows

National classification: Certificate of attendance

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening C1

Reading C1

Writing C1

Spoken production B2

Spoken interaction B2

French

Listening A2

Reading A2

Writing A2

Spoken production A1

Spoken interaction A1

SKILLS

physics | climatology | meteorology | use microsoft office | computer programming | integrated development environment software | work as a team | think creatively | develop strategy to solve problems | use online communication tools | apply statistical analysis techniques | perform data analysis

SKILLS

● Organisational skills

- leadership (I have been responsible of a branch in my Research Institute in the period 2001-2025, I have been President of the Italian Geophysical Association for several years)
- managerial skills gained from my experience as coordinator of the WMO-Regional Training Center in Italy

● Other job-related skills

- Good command in scientific project design, and management
- Good tutoring skills for masters and PhD students and young scientists

- Good experience in research team management gained through my work experience

● **Communication and interpersonal skills**

- Good communication skills gained during the years working with high level scientists and during my teaching and dissemination experiences to wide audiences, and through participation to specialized Workshops.
- Participation to public events (e.g.: Meteorological Fair, European Night of Research etc)
- Participation to programs on media (TV, Radio) for different audiences

NETWORKS AND MEMBERSHIPS

● **Memberships**

Ordinary academic of the Accademia dei Georgofili;

Italian Association of Atmospheric Sciences and Meteorology AISAM;

Italian Association of Agrometeorology AIAM;

Italian Physical Society SIF;

Italian Society for Climate Sciences SISC;

European Geoscience Union, EGU;

European Meteorological Society, EMS;

American Meteorological Society, AMS;

American Geophysical Union, AGU;

American Physical Society APS

ACTIVITY WITH THE WORLD METEOROLOGICAL ORGANIZATION (WMO)

● **Activity with the World Meteorological Organization (WMO)**

Since 2005 I have been involved in several commissions, expert teams, activities at WMO.

- 2005, 2010, 2014, 2018 National delegate at the WMO Commission of Climatology (WMO-CCI)
- 2013 12th WMO Symposium on Education and Training and RTC Directors Meeting
- 2014-2018 WMO-CCI Task Team on the Guide (TT-GCP) OPACE-5
- 2015 WMO Workshop on "Curriculum Development for Climate Services"
- 2015 WMO Curriculum Development Workshop for Climate Services
- 2015 WMO Workshop for WMO-RTC Directors
- 2015 WMO Course for Trainers of RA-VI (Manager training) (Certificate of completion)
- 2016 WMO CCI Fifth Open Panel of CCI Experts (OPACE-5)
- 2017 13th WMO Symposium on Education and Training and RTC Directors Meeting
- 2018 - ongoing Associated expert in the WMO Expert Team on Human Resources Development (ET-HRDev) of the CCI Focus Area 4 (Capacity development for climate services)
- 2019 WMO/Eumetcal Course for Trainers on Blended Learning (Certificate of completion)
- 2019 WMO - Global Campus Meeting, 29-30 November
- 2019 CALMet XIII / Eumetcal Conference Preparing the weather, water and climate workforce for tasks of the late 2020's (Darmstadt, Germany)
- 2019 WMO Expert Team on Human Resources Development (ET-HRD) of CCI FOCUS AREA 4 (Online)
- 2020 WMO Course on Education and Training Innovation (online)
- 2020 Eumetcal Workshop – With a little help from my Friends – (online)
- 2020 WMO Webinar Responding to Challenges Beyond the New Normal: A Global Campus Event. (online)
- 2022 External Member of the Committee for the WMO-RTC-Turkey-External Review
- 2023 - ongoing Member of WMO-CONNECT
- 2023 - ongoing Member of the Management Group of the WMO CONNECT
- 2025 Joint WMO CALMet-CONNECT Conference in Florence (Italy) and online

COORDINATION OF THE WMO-RTC

● **Coordination of the WMO-RTC**

As coordinator of the activities of the WMO Regional Training Center in Italy, Dr Baldi coordinated the following courses:

- June 2025 Agricultural Meteorology for agriculture management at microscale (course in cooperation with AIAM and CA20108 FAIRNESS COST)
- June 2024 Agricultural Meteorology for managing the risk of extreme events (course in cooperation with AIAM and CA20108 FAIRNESS COST)
- December 2023 Agricultural Meteorology for supporting crop production (course in cooperation with AIAM and CA20108 FAIRNESS COST)
- September 2022 Agricultural Meteorology for sustainable water management in agroecosystems (course in cooperation with AIAM)
- April-May 2022 Introduction to Meteorology for staff from Consorzio Venezia Nuova
- September-November 2021 Introduction to climatology and climate change. for staff from Regional Environmental Agencies (ARPA) of North Italy
- March 2021 Agricultural Meteorology for a Climate Smart Agriculture International (course in cooperation with AIAM and FAO)
- November 2020 PACC-RRC, Climate and Risk Communication for CILLSS-ECOWAS Countries
- 20.05-09.08 2019 RTC-IBIMET-FAO International Training course on Advanced Agrometeorology for Mozambique and Angola
- 04-05.02.2019 PACC-RRC final International Conference
- 05.03-10.06 2019 National Training Course – Advanced Meteorology for Meteorologist (WMO-M)
- 4.12.2018 - 10.01.2019 National Training Course - Introduction to Meteorology for Meteorological Technicians (WMO- MT)
- 25.06-06.07 2018 PACC-RRC International Training Course on Climate Change Impacts: Assessment and Communication
- 20.11-1.12 2017 PACC-RRC International Training Course on Climate Services for Disaster Prevention
- 15-18.11.2016 Verification of Operational Seasonal Forecasts in the Mediterranean Region
- 19-23.10.2015 Seasonal Forecasts and Water Management in the Mediterranean Basin: Integrated Approaches
- 22-26.09.2014 Seasonal Forecasts for Agriculture in the Mediterranean
- 16-20.06.2014 Water Footprint Application for Water Resources Management in Agriculture
- 9-13.06.2014 Climate change impacts on agricultural systems in Africa

OTHER EDUCATION AND TRAINING ACTIVITIES

Other Education and Training activities

Member of evaluation committees for young scientists, fellowships, short term contracts

Member of evaluation committees in the University

Lecturer at WMO-RTC courses in Italy, Israel, Peru

Lecturer at the University of:

- Tuscia-DAFNE, AA 2022-2023, 2024-2025, 2025-2026 Corso "Cambiamenti climatici" Master "Governance delle aree montane italiane"
- Tuscia-DAFNE, AA 2022-2023, 2023-2024, 2024-2025, Corso "Climatologia e Meteorologia" Corso di Laurea Scienze della Montagna
- Tuscia-Facoltà di SS.MM.FF.NN., AA 1998-1999, Corso integrativo "Teoria dello strato limite dell'atmosfera"
- Tuscia-Facoltà di SS.MM.FF.NN., AA 1999-2000, Corso "Climatologia e Meteorologia"
- Tuscia-Facoltà di SS.MM.FF.NN., AA 2000-2001, Corso "Climatologia e Meteorologia"
- Trento-Facoltà di Ingegneria Civile e Ambientale, AA 1998-1999, Modulo "Elementi di Dinamica dell'Atmosfera"
- Firenze-DISAT, AA 2005-2006, Modulo "Circolazione generale e a scala regionale dell'atmosfera" per Master in Meteorologia Applicata
- Perugia-Facoltà di Agraria e CESAR, 2013, Corso di aggiornamento per periti estimatori "Cambiamenti climatici, le fonti e l'uso dei dati meteo"
- Roma La Sapienza-Facoltà Ing Civile e Industriale, AA 2000-2001, Modulo "Climatologia del Mediterraneo e Desertificazione"
- UBC-Dpt of Geography, Canada, AA 1996-1997 "Ensemble Weather Forecasting"

Lecturer at C.A.I.C.T. srl - Firenze, 2011 "Climatologia"

Invited speaker for Professional Associations and Universities

Tutoring/mentoring of young scientist

Dissemination and education activities for general public and high school students in climate and climate change

Projects in Public Understanding of Science

Supervisor of Master and PhD students

RECENT INTERNATIONAL ACTIVITY

Recent international activity

- 2003-2025 collaboration with Dpt of Atmospheric Science CSU (COLO-USA)
- 2008-2009, 2010-2011 Scientific coordinator Joint Project CNR-CNRS "TELEMEDAF"
- 2009 - Visiting Scientist at NIWA (Short term mobility)
- 2013 - Visiting Scientist Dpt of Atmospheric Science CSU (COLO-USA), (Short term mobility)
- 2016 and 2019 - Visiting Scientist LATMOS - Univ Pierre et Marie Curie, Paris France, (Short term mobility)
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PROJECTS (RECENT YEARS)

Projects (recent years)

In reverse chronological order:

- 2022-2026 Participation to Project Life21-CCA-IT-LIFE BEEadapt: *a pact for pollinator adaptation to climate change*
- 2024-2026 Participation to PRIN 2022 PNRR Project NEUTRALISE (*laNd usE adaptation to cope with droUghT and heat waves in the Italian agRiculturAL sector: Impacts, riSkS and synErgies for achieving the environmental targets*)
- 2017-2018 Participation to Project Climate Change Adaptation and Disaster Risk Reduction in Agriculture (training programme)
- 2016-2017 Italian coordinator of the CNR-ASRT Bilateral Project "Impacts of climate change on arid-land streams: a comparative study on Sinai, Egypt" with Water Resources Research Institute of Egypt
- 2014-2015 Participation to TECH (Technologies for the Egyptian Cultural Heritage) funded by the National Research Council of Italy and the Academy of Scientific Research and Technology of Egypt (ASRT)
- 2012-2014 Participation to PRIN project: Research on Ancient Catastrophes in Egypt
- 2014 Scientific Coordinator Impatto dei cambiamenti climatici sulla qualità del Chianti Classico finanziato dall'Ente Cassa di Risparmio di Firenze
- 2012 Scientific coordinator of research unit Project Movimento Pedonale e Confort Termico in aree urbane
- 2012-2014 Participation to Project Conoscenze Integrate per Sostenibilità e Innovazione del Made in Italy Agroalimentare - CISIA Experiment
- Since 2010 participation to HyMeX: Hydrological cycle in the Mediterranean Experiment - Since 2010 Participation to Med-CLIVAR: Mediterranean CLimate VARIability and Predictability
- 2009-2010 Scientific Coordinator of Project Impatti dell'ambiente sul sistema produttivo agricolo del territorio che si estende da Cerveteri a Montalto di Castro finanziato dalla Fondazione Cassa di Risparmio di Civitavecchia
- 2009-2010 Scientific coordinator Project "Aggiornamento dello studio sulla pericolosità meteorologica a scala nazionale - Grandine, Vento e Precipitazioni" ANIA
- 2007-2011 Scientific coordinator of research unit for Project EU-CIRCE
- 2008-2009, 2010-2011 Scientific coordinator TELEMEDAF Progetto Bilaterale CNR-CNRS
- 2008-2010 Scientific Coordinator of Scientific Projects at NIWA, NZ:
 - The Cook Islands Climate - Variation and Change. NIWA Client Report prepared for the Cook Islands Government: AKL2009-032
 - Climate Trends, Hazards and Extremes - Taranaki - Synthesis Report. NIWA Client Report prepared for New Plymouth District Council, the Taranaki Regional Council and the South

Taranaki District Council, AKL-2008-080

- Urban Land Use and Water Management Scenarios for Climate Change Impact Assessment: Stormwater in the Auckland Region. NIWA Capability Fund
- Climate analysis for the Far North District Council. NIWA Client Report prepared for Far North District Council, AKL-2008-042
- High Intensity Rainfall in Auckland City. NIWA Client Report prepared for Auckland City Council, AKL-2008-041
- Contribution to chapters on Flooding, Cyclone, Tornado, Drought, Climate Change, Wildfire of the Synthesis of natural hazard information for the Auckland region. NIWA Client Report prepared for Auckland Regional Council
- Impacts of climate change on high intensity rainfall in Napier. NIWA Client Report prepared for New Plymouth District Council, AKL-2008-033

REVIEWER FOR THE FOLLOWING SCIENTIFIC JOURNALS:

Reviewer for the following Scientific Journals:

Climate Dynamics, Climate Research, Global and Planetary Changes, International Journal of Climatology, Journal of Applied Meteorology and Climatology, Journal of Atmospheric Science, Journal of Geophysical Research, Journal of Hydrometeorology, Natural Hazards and Earth System Sciences, Rivista Italiana di Agrometeorologia, The open area studies journal, Theoretical and Applied Climatology

Expert Reviewer for IPCC WG1-AR4 and AR6 chapters

PUBLICATIONS (RECENT YEARS)

Publications (recent years)

In reverse chronological order:

- Dalu, G.A. & **Baldi**, M. (2026) Indian and African monsoons: Trajectories and interactions. Quarterly Journal of the Royal Meteorological Society, e70134. DOI: <https://doi.org/10.1002/qj.70134>
- Ceppi A., **Baldi** M., et al. (2025) Il progetto Dieci e Lode. Dati climatici delle ex colonie italiane e loro digitalizzazione. Ronca Editore EAN 9788875461096
- Pietrelli, L., Menegoni, P., Millesimi, I., Sighicelli, M., **Baldi**, M., & Schirone, B. (2025). Microplastics in the Mount Terminillo (Rieti, Italy) Snow. *Water, Air, & Soil Pollution*, 236(7), 402.
- Ventura, F., **Baldi**, M. (2024) L'atmosfera. In: Agrometeorologia. Basi, applicazioni e ruolo nella gestione dell'agroecosistema. Eds S. Orlandini et al. Edagricole. Isbn: 978-88-506-5671-4
- **Baldi**, M., Pasqui, M. (2024) Un clima nuovo. Ed. Città Nuova. Collana: Prismi – Saggi. Isbn: 9788831175852
- Salinger M.J.; Verdi L.; Dalla Marta A.; Dalu G.; **Baldi** M.; Messeri G.; Vallorani R.; Morabito M.; Crisci A.; Altobelli F.; Orlandini S.; Gozzini B.; Messeri A. (2022) Linking maize yields in Veneto Italy, to large-scale atmospheric variability, circulation regimes and weather types. J of agric science 160 (6) pp 423-439
- Alessandro Pacciani, Roberta Casini, Roberto Scalacci, Simone Orlandini, Anna Dalla Marta, Marina **Baldi**, Amedeo Reyneri, Filiberto Altobelli, Daniela Toccaceli, Riccardo Ricci Curbastro, Stefano Stefanucci, Michele Manelli, Andrea Rossi (2021) La tutela del reddito dei produttori agricoli davanti alle sfide ambientali e alle crisi di mercato (Sintesi) in "Georgofili : atti dell'Accademia dei Georgofili : Serie VIII, Vol. 17, 2020, Firenze : Polistampa, 2021 , 2239-7248 - Casalini id: 4897130" - P. 265-280 - Permalink: <https://digital.casalini.it/4897555> - Casalini id: 4897555
- Salinger J.M., Marta A.D., Dalu G., Messeri A., **Baldi** M., Messeri G., Vallorani R., Morabito M., Orlandini S., Altobelli F., Verdi L. (2021). Linking crop yield in Tuscany, Italy, to large-scale atmospheric variability, circulation regimes and weather types. J of agric science 158 (7), pp. 606–623
- **Baldi**, M., Amin, D., Al Zayed, I. S., & Dalu, G. (2020). Climatology and Dynamical Evolution of Extreme Rainfall Events in the Sinai Peninsula—Egypt. *Sustainability*, 12(15), 6186.
- Hochman, A., Alpert, P., **Baldi**, M., Bucchignani, E., Coppola, E., Dahdal, Y., ... & Levine, H. (2020). Inter-disciplinary Regional Collaboration for Public Health Adaptation to Climate Change in the Eastern Mediterranean. *Bull of the American Meteorological Society*.
- **Baldi**, M., V. Tarchiani, E. Rapisardi, M. Bacci, M. Pasqui, E. Di Giuseppe (2020). Climate change adaptation and disaster risk reduction in agriculture: Lessons learned from an innovative training programme. In: Global Campus Innovations WMO ETR-No.27

- Tarchiani, V., Rapisardi, E., Parrish, P., Giuseppe, E. D., Bacci, M., **Baldi, M.**, & Pasqui, M. (2020). Competencies based innovative learning solutions for co-development of climate services in West Africa. *Advances in Science and Research*, 17, 47-52.
- **Baldi, M.**, (2019). Climate Change, Water availability, and Cultural Heritage in Egypt. In: *Sciences And Technologies Applied To Cultural Heritage – STACH*. Eds: M. Baldi G. Capriotti Vittozzi. CNR Edizioni, Roma 2019, pp. 24-35.
- Tarchiani, V., Pasqui, M., Parrish, P., Rapisardi, E., Giuseppe, E. D., **Baldi, M.**, (2019). Learning and teaching about seasonal climate forecasts: a Mediterranean educational experience toward operational climate services. *Advances in Science and Research*, 15, 257-262.
- Dalu, G. A., M. Gaetani, C. Lavaysse, C. Flamant, A.T. Evan, M. **Baldi** (2018) Simple solutions for the summer shallow atmospheric circulation over North Africa. *Q. J. of the Royal Meteorological Society*.
- Yazdanpanah H., J. Eitzinger, **M. Baldi** (2017) Analysis of the extreme heat events in Iran. *International Journal of Climate Change Strategies and Management* 9(4), 418-432.

cont.

- **Baldi M.**, V. Tarchiani, F. Sabatini, A. Raschi (2017) L'Istituto di Biometeorologia del CNR ed il Centro Regionale di Formazione del WMO in Italia: storia ed attività. *Rivista di Meteorologia Aeronautica* ISSN: 0035-6328 (in press)
- Panah, H.Y., J. Eitzinger, M. **Baldi** (2017) Analysis of the extreme heat events in Iran. *International journal of climate change strategies and management* ISSN: 1756-8692 Emerald Group Publishing
- **Baldi M.** (2017) Climate Change Impacts on Precipitation and Temperature In: *Handbook of Drought and Water Scarcity: Environmental Impacts and Analysis of Drought and Water*. Eds: Eslamian, Saeid, CRC Press - Taylor & Francis Group, London (UK) 978149873104
- Doaa A., M. **Baldi**, I.S. Al Zayed, A. Lofty, G.A. Dalu (2016) Analysis of extreme rainfall event in Sinai. RedWarm Conference. 4-6 December 2016, Cairo, Egypt
- **Baldi M.** (2016) Climate of Egypt Between Dryness and Torrential Rainfall: Patterns of Climate Variability In: Capriotti Vittozzi G, Porcelli F. *AHMES III, Archaeology and Environment. Understanding the Past to Design the Future: A Multidisciplinary Approach* CNR Edizioni, Roma 2016, pp. 77-87. ISBN 978 88 8080 184 9 ISSN 2384-8154
- Angelini A., G. Capriotti Vittozzi, M. **Baldi** (2016) The high official Harkhuf and the inscriptions of his tomb in Aswan (Egypt). An integrated methodological approach. *The e-Journal of the International Measurement Confederation (IMEKO) Acta IMEKO* (2), 71-79 ISSN: 2221-870X
- **Baldi M.**, Colacino M. (2016) La storia della Associazione Geofisica Italiana "Bollettino geofisico ISSN: 0393-0742 C.N.R. - Istituto di fisica dell'atmosfera." XXXVII, 7-26, 2014-2015
- **Baldi M.**, 2015: Esame delle definizioni adottate dal MIPAAF nel PAAN 2014 per le avversità con conseguenze catastrofali e per le altre avversità atmosferiche. ANIA Project Report
- Salinger, M.J., M. **Baldi**, D. Grifoni, G. Jones, G. Bartolini, S. Cecchi, G. Messeri, A. Dalla Marta, S. Orlandini, G. Dalu, G. Maracchi, (2015). Seasonal differences in climate in the Chianti region of Tuscany and the relationship to vintage wine quality. *Int. J. Biomet*, 1-13
- **Baldi M.**, (2015). Exceptional Rainfall over Thebes in Ancient and Present Times: An Analysis of Possible Driving Mechanisms. In: *AHMES-EGYPTIAN CURSES 2 - A Research on Ancient Catastrophes*, Ed.: G. Capriotti, pp 255-264 ISBN 978 88 8080 140 5
- **Baldi, M.**, (2015). The Collapse of the Old Kingdom and the Climate Change: A Short Contribution. In: *AHMES-EGYPTIAN CURSES 2 - A Research on Ancient Catastrophes*. Ed.: G. Capriotti, pp 265-270 ISBN 978 88 8080 140 5
- Merz B, J. Aerts, K. Arnbjerg-Nielsen, M. **Baldi**, A. Becker, A. Bichet, G. Blöschl, L.M. Bouwer, A. Brauer, F. Cioffi, J.M. Delgado, M. Gocht, F. Guzzetti, S. Harrigan, K. Hirschboeck, C. Kilsby, W. Kron, H.-H. Kwon, U. Lall, R. Merz, K. Nissen, P. Salvati, T. Swierczynski, U. Ulbrich, A. Viglione, P.J. Ward, M. Weiler, B. Wilhelm, M. Nied, (2014). Floods and climate: emerging perspectives for flood risk assessment and management. *Nat. Hazards Earth Syst. Sci. Discuss* 2, 1559-1612
- **Baldi M.**, V. Ciardini, J.D. Dalu, T. De Filippis, G. Maracchi, G. Dalu, (2014). Hail occurrence in Italy: Towards a national database and climatology. *Atmospheric Research*, 138, 268-277
- Dalu, J.D., **Baldi, M.**, Dalla Marta, A., Orlandini, S., Maracchi, G., Dalu, G., Grifoni, D., Mancini, M., (2013). Mediterranean climate patterns and wine quality in North and Central Italy. *Int. J. Biomet*, 1-14
- **Baldi, M.** (2013). Climate extremes in urban area and human health: the summer heat waves. Proceedings of the Workshop "Two hundred years of urban meteorology in the heart of Florence: International Conference on urban climate and history of Meteorology" Florence, February 2013
www.bo.ibimet.cnr.it/repository/proceedings

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- **Baldi**, M. (2013). Climate extremes in urban area and human health: the summer heat waves. Proceedings of the Workshop *Two hundred years of urban meteorology in the heart of Florence: International Conference on urban climate and history of Meteorology* Florence, February 2013 www.bo.ibimet.cnr.it/repository/proceedings
- Taylor CM, Parker DJ, Kalthoff N, Gaertner MA, Philippon N, Bastin S, Harris PP, Boone A, Guichard F, Agusti-Panareda **Baldi** M, Cerlini P, Descroix L, Douville H, Flamant C, Grandpeix JY, Polcher J, 2011: New perspectives on land-atmosphere feedbacks from the African Monsoon Multidisciplinary Analysis. *Atmospheric Sciences Letters* vol. 12, p. 38-44,
- Gaetani M, **Baldi** M, Dalu GA, Maracchi G, 2011: Jetstream and rainfall distribution in the Mediterranean region *Natural Hazards and Earth System Sciences*, vol. 11, p. 2469-2481
- Azorin-Molina C, Chen D, Tijn S, **Baldi** M, 2011: A multi-year study of sea breezes in a Mediterranean coastal site: Alicante (Spain) *Int Journal of Climatology*, vol. 31, p. 468-486, ISSN: 1097-0088, doi: 10.1002/joc.2064
- Gaetani M, Fontaine R, Roucou M, **Baldi** M, 2010: Influence of the Mediterranean sea on the West African Monsoon: intraseasonal variability in numerical simulation *J. of Geophysical Research. Atmospheres*, v. 115
- Dalu G.A., M. **Baldi**, 2010: Steady-State Dynamics of a density Current in an f-Plane Nonlinear Shallow-Water Model *Journal of Atmospheric Sciences*, 67, 500-514

DECLARATIONS

SUBSTITUTIVE DECLARATION OF CERTIFICATION (art. 46 e 47 D.P.R. 445/2000) AND PRIVACY CONSENT

I, the undersigned, hereby declare that the information included in this curriculum vitae is true and accurate to the best of my knowledge, and I am aware of the criminal liabilities that I may face in the event of false statements, pursuant to Art. 46, 47, and 76 of DPR 445/2000.

I authorize the processing of my personal data present in the CV in accordance with the Regulation of the European Parliament 679/2016 (GDPR).

April 21 2026

DICHIARAZIONE SOSTITUTIVA DI CERTIFICAZIONE (art. 46 e 47 D.P.R. 445/2000) E TRATTAMENTO DATI PERSONALI

La sottoscritta dichiara ai sensi degli artt. 46 e 47 del DPR 445/2000, nella consapevolezza delle sanzioni civili e penali nel caso di dichiarazioni non veritiere, di formazione o uso di atti falsi, richiamate dall'art. 76 del DPR 445/2000 che le informazioni riportate nel presente curriculum vitae corrispondono a verità.

La sottoscritta in merito al trattamento dei dati personali esprime il proprio consenso al trattamento degli stessi nel rispetto delle finalità e modalità ai sensi dell'art. 13 del Regolamento (UE) 2016/679 e del d.lgs. 30 giugno 2003, n. 196.

Roma, 21 aprile 2026