

Proposed Position :**Name** : Luca Lombroso**Profession** : Meteorologist (forecaster, broadcaster), climate change expert, free lancer consultant on environment and climate, writer**Date of Birth** : 25/03/1964**Years with Firm** :**Nationality:** Italian**Membership in Professional Societies:**

- Italian Meteorological Society (SMI www.nimbus.it member of Editorial board)
- ASPO Italia (www.aspoitalia.it)
- Italian Climate Network (www.italiaclima.it)
- Transition Italia (<https://transitionitalia.wordpress.com>)
- Foreste per Sempre ONLUS (<http://www.forestepersempre.org>)

Key Qualifications :

- 25 years of experience in weather forecast, observation and climate change at Geophysical Observatory, Modena University (DIEF UNIMORE),
- weather and climate models use and interpretation
- Weather forecasting on complex orographic for extreme weather
- Experience on participation on international geophysical research programme; e.g. MAP-SOP 1999 (forecaster in an international team)
- Weather and climate briefing for scientist and pilots, field experiments, etc.
- Participation at many scientific conference, in particular ICAM (international conference on Alpine Meteorology)
- Use of automatic weather station, fixed and for field measurements: site individuation, instrument exposure and calibration, software to data acquisition and post-elaboration, data storage, data presentation
- Managing and historical Observatory time series, data and museum (Osservatorio Geofisico in Modena, founded on 1826)
- Delegate (observer) on Conferences on Parties of United Nation and UNFCCC (since COP 15 in Copenhagen)
- Weather forecaster consultant for professional clients (Bologna Airport, Province of Reggio Emilia, ski resorts, etc)
- Television weather forecasting, including national network (RAI TV, Class TV, TV 2000)
- Collaboration with organization involved on climate change project (eg Lombardy foundation for environment FLA)
- Teaching and visiting lecture on university lection and seminar, professional training courses, schools, etc. regarding climate change and meteorology
- Lecturer on hundreds of public (popular science) and specialist conference and conferences on climate change
- Writer with 5 books on weather, climate, good environmental practices

Education

- Secondary school diploma, Technical School Diploma on 1983 at ITIS Corni, Modena, specialization nuclear energy, vote 58/60

main training courses:

- ECMWF, Reading (UK): Course MET4, 1992
- University of Milan, (I) Course on Radar Meteorology, February 1998
- University of Bristol, (UK), Advanced Course on Radar Hydrology for real time flood forecasting, June 1998
- MAP - Mesoscale Alpine Programme: training course for forecaster during MAP-SOP, Innsbruck July 1999
- Anti fire safety course (1998, 2013)
- Training course for museum operators, Province of Modena Department tourism, 2000
- English course on LSM School, Modena: 1999, 2000
- Management of seismic instrumentation, Lennartz, Tübingen, Germany 2001
- Course on health and safety on physics laboratory, University of Modena and Reggio Emilia 2001
- Course on English language and didactics for museum operators, IBC-Emilia Romagna
- Meeting "AVIRIS Earth Science and Applications Workshop, Pasadena, California (USA), 2003
- Distance learning course S199 modelling the climate, Open University (UK), 2006
- Workshop "climate change impacts on Po river basin", 2007
- Italian national conference on climate Change, FAO Rome, 2007
- Doctors for the Environment seminar on pollution, food and health, 2008
- side events during COP 15, 16, 17, 19 (e.g. low carbon development, urban climate change adaptation, impact and adaptation on PVS, science of climate, emission scenario, etc.)
- Coursera.org distance learning course followed: Global Warming: The Science and Modelling of Climate Change, Turn Down the Heat: Why a 4°C Warmer World Must be Avoided (world bank) , Pathways to climate change adaptation: the case of Small Island Developing States
- Transition training (transition town network course), Italy 2014

Awards

- Bilancia d'oro (Libra gold), Campogalliano (MO) 2006
- A forest for Kyoto (un Bosco per Kyoto) international award, Accademia Kronos, Rome 2013
- Literary prize "gold pen" for "Apocalypse now? Clima ambiente cataclismi, possiamo salvare il mondo ora" book, Turin 2013
- Carver award for "Apocalypse now? Clima ambiente cataclismi, possiamo salvare il mondo ora" book, Civitavecchia 2013

Employment Record

Date: 1979-1982
Location: Campogalliano (MO)
Company: Coop Bilanciali

Position: apprentice clerk
Description: summer work for student

Date: 1984-1987
Location: Bomporto (MO, Italy)
Company: VG Convertitori statici
Position: electronic technician
Description: design, assembly, testing and maintenance of electronic equipment

Date: 1987- today (part time since 2005)
Location: Modena, Italy
Company: University of Modena and Reggio Emilia
Position: technical officer
Description: weather and geophysical observation, weather forecasting, climate data management, scientific museum curator

Date: 2005 - today
Location: -
Company: -
Position: consultant, free lancer
Description: weather television broadcasting, weather forecasting for professional clients, climate change consultant, lecturer education and conferences for school, popular science, professional organization, writer. **Main client:** Bologna Airport, Rai Italian Radio Television, Class TV mnsbc television, TV 2000 television, newspapers and magazine, many town council, etc.

Languages :	Speaking	Reading	Writing
Italian		mother tongue	
English	good	good	good
French	poor	fair	poor
Spanish	good	good	fair

Computer: good knowledge and acquaintance to the main programs on Personal computer windows and Mac workstation, some skills on programming and website management

Publications':

Hundreds of scientific papers and congress communication:
Selection 1987-2007: http://www.lombroso.it/pubbl_scient/lombrosopapers2007.pdf

Last papers:

Luca Lombroso, Sergio Teggi.

G.B.AMICI E LA SPECOLA DI MODENA: DA OSSERVATORIO ASTRONOMICO A GEOFISICO.

Microscopi, telescopi e osservazioni naturalistiche di Giovanni Battista Amici – Modena, 10 aprile 2013

[Abstract in Atti di convegno - Abstract in Volume di Atti di Convegno]

Barbara Arvani, R. Bradley Pierce, Sergio Teggi, Grazia Ghermandi, Luca Lombroso
Study of Saharan dust outbreak episode over the Po valley (northern Italy) using IDEA-
International air quality forecast product

DUST2014 - 1st International Conference on Atmospheric Dust

DOI:10.14644/dust.2014.001

Luca Lombroso, Sergio Teggi

Annuario delle osservazioni meteorologiche dell'anno 2013 all'Osservatorio Geofisico di
Modena

e le nuove stazioni di misura

Atti Soc. Nat. Mat. Modena 145 (2014)

Susanna Magli • Chiara Lodi • Luca Lombroso • Alberto Muscio • Sergio Teggi
Analysis of the urban heat island effects on building energy
consumption

Int J Energy Environ Eng

DOI 10.1007/s40095-014-0154-9

Books:

ARIA

Licia Colò e Luca Lombroso, fotografie di Giancarlo Pradelli.

CRV (fuori commercio), 2005.

IL TEMPO IN FATTORIA.

Guida all'uso delle previsioni meteorologiche in campagna.

Luca Lombroso

Edagricole Il Sole 24 Ore, 2006.

ISBN: 9788850651795.

L'OSSERVATORIO DI MODENA: 180 ANNI DI MISURE METEOCLIMATICHE.

Autori: Luca Lombroso e Salvatore Quattrocchi

SMI/SMS, 2008

ISBN: 9788890302329

Dipende da te. 101 cose da fare per salvare il pianeta e vivere meglio.

Lorena Lombroso e Simona Pareschi. Luca Lombroso

Gribaudo, 2011

ISBN 8858003837

APOCALYPSE NOW? CLIMA AMBIENTI CATACLISMI. POSSIAMO SALVARE IL
MONDO.ORA.

Luca Lombroso

Artestampa Modena, 2012

ISBN: 9788864621685

Video as actor and/or scientific consultant:

Solahart (solar panel) spot, Rai TV production 2005 (actor)

Casa Kyoto video, how to restore building and improve energy efficient on 10 steps (actor, writer and scientific consultant), Veempictures production 2008

4 passi nel clima (4 steps on climate), education short video (writer and scientific consultant), vemmpictures production 2008

movie "SECCHIA DAL CRINALE AL PO, VIAGGIO LUNGO IL FIUME ALLA RICERCA DI UN PARCO", TR video 2009 (actor, writer and scientific consultant)

Other

Luca Lombroso like mountain, travel, skiing and bike.

He hold driving licence and nautical driving licence 12 miles offshore