Recent natural disasters as in Japan as in Italy are soliciting new answers from researchers, to the main question: can architectural design and land planning improve the reduction the impact of future disasters on human habitats.

In Europe since XVIII century technical progresses have improved seismic quality of construction techniques for buildings, reducing the effects of earthquakes and natural disasters, but there are still dangers to which man has not identified an adequate defensive strategies yet. Can Architecture make the difference? What can we learn from our past for better designing our future?

This meeting is focusing not only on the disaster itself, but on the historical culture of human settlement in comparison between Italy and Japan.

**Friday 27 January 2012, 9.30-18.00 - Aula Magna Florence via San Gallo, 10**

**Università degli Studi di Firenze**
- **Bruno Vecchio**
  Department of Historical and Geographical Studies
  Water availability and human activities in Italy through history: an overview
- **Saverio Mecca**
  Department of Technology of Architecture and Design
  Traditional Architectural Knowledge Systems and sustainable management: the case of Earthen Domes Villages of Northern Syria
- **Marco Floravanti**
  Department EISTAF
  Water and Woods: habitats in the Bronze age of Europe
- **Francesco Salvestrini**
  Department of Historical and Geographical Studies
  Woods, Wetlands and Habitats in the Mediaeval Tuscany
- **Mario de Stefano**
  Department of Construction and Restoration
  Urban seismic risk prevention
- **Natia Jorquera Silva**
  PhD Course, Doctorate School of Architecture
  Comprehension of the seismic risk in a holistic-cultural way: Earthen Chilean settlements as a case-study
- **Mirella Loda**
  Department of Historical and Geographical Studies
  Water management from a regional and local perspective: comparing industrial districts in Italy
- **Claudio Lubello**
  Department of Civil and Environmental Engineering
  City of the future: trends and perspectives of sanitary and environmental engineering
- **Margherita Azzari**
  Department of Historical and Geographical Studies
  WETTUS - Wetlands Atlas of Tuscany
- **Giancarlo Paba**
  Department of Urban and Regional Planning
  From the “watershed democracy” to the “contratto di fiume” (river agreement): for an integrated and participative watershed planning
- **Gabriele Corsani**
  Department of Urban and Regional Planning
  Water as representative resource in the garden city
- **Giuseppe De Luca**
  Department of Urban and Regional Planning
  Urban planning facing global challenges: issues and perspectives in the Italian case

**The University of Tokyo, Tokyo University of the Arts**
- **Takeshi Ito**
  Dr. of Engineering, The University of Tokyo,
  Crisis and City
- **Noriko Matsuda**
  PhD, Kyoto Prefectural University
  Floodplain - marsh - lagoon: Water management systems and settlements at the water’s edge in Niigata from the 16th to 19th centuries
- **Ryoko Kaita**
  PhD Course, Tokyo University of the Arts
  The making of Urban Tokyo from the second half of 19th century
- **Kazue Akamatsu**
  PhD, Tokyo University of the Arts
  The transformation of the suburbs: the case of Kamakura and Kamakura-yama
- **Federico Scaroni**
  PhD, Sapienza University of Rome
  A comparison of Japanese and Italian artistic representation of the urban water system between the 16th and 19th century
- **Yukako Yoshida**
  PhD, University of Pisa
  Pisa Flat Lands during Medicean period from the 16th to 17th centuries by the comparison between description and reality
- **Masao Noguchi**
  Tokyo University of the Arts,
  Dr. of Engineering Tokyo Institute of Technology
  Short comments on the six lectures by Japanese side