



ORDINE DEGLI
ARCHITETTI
PIANIFICATORI
PAESAGGISTI E CONSERVATORI
DI ROMA E PROVINCIA

PLANNING AND DESIGNING WITH DATA

An approach to data management
for architects

14 maggio 2024

15:00—19:00

4 CFP

ARRM3217

online via **GoToWebinar**
registrazione su
formazione.architettiroma.it

Designing with data means having to rethink our professional approach on many fronts. However, this does not mean questioning our professionalism, but rather discovering new aspects and potential. Data will increasingly play a key role in urban and architectural design. Today, a huge quantity of information can be accessed on cloud-based databases, optimizing collaboration and efficiency in design as well as its communication. It's also possible to monitor the impact of decisions over time, a critical aspect in a world where rapid changes require dynamic strategies.

coordinatore scientifico **Erica Agnelli**, membro Commissione Internazionalizzazione OAR

tutor **Nives Barranca**, Formazione OAR

gratuito per iscritti OAR con registrazione obbligatoria su
formazione.architettiroma.it

webinar in lingua inglese



15:00 | start of webinar

15:00 | Introduction

Paolo Anzuini, consigliere OAR e delegato Internazionalizzazione

15:10 | Data Management: capturing, analyzing, and applying building data

Erica Agnelli, Commissione Internazionalizzazione OAR

15:45 | Urban Data: new planning strategies

Gabriele Roselli, Head of innovation, RIMOND

16:30 | Generative Design Tools – layout case study

Cristiano Coretti, Co-founder & Chief Product Officer at layout

17:15 | Algorithmic approach for building energy performance optimization

Anas M. Hosney Lila, Senior Lecturer of architectural design, computational methods and data driven design

18:00 | Machine Learning and Artificial Intelligence for architectural and urban design

Fabrizio Cumo, Director Master Construction digital twin and artificial intelligence Sapienza Università di Roma

18:45 | Q&A, conclusions

19:00 | end of webinar