

PUBLICATIONS

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1. JOURNAL ARTICLES

- **Chioni, C.**, Callegaro, N., Albatici, R., Favargiotti, S. (2024). Feel the Context! Ex situ horizon reconstruction in mountain landscapes for bioclimatic design. *Journal of Digital Landscape Architecture*, 9, pp. 441-448. <https://doi.org/10.14627/537752040>.
- **Chioni, C.**, Pezzica, C., Favargiotti, S. (2024). Territorial Digital Twins: A key for increasing the community resilience of fragile mountain inner territories? *Sustainable Development*, 32(2), pp. 1548-1563. <https://doi.org/10.1002/sd.2688>.
- **Chioni, C.**, Murtiyoso, A., Favargiotti, S., Massari, G.A. (2023). LOW-COST WORKFLOW FOR 3D URBAN FOREST VIRTUAL RECONSTRUCTION. *Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci.*, XLVIII-1/W2-2023, pp. 1723-1728. <https://doi.org/10.5194/isprs-archives-XLVIII-1-W2-2023-1723-2023>.
- **Chioni, C.**, Maragno, A., Pianegonda, A., Ciolli, M., Favargiotti, S., Massari, G.A. (2023). Low-Cost 3D Virtual and Dynamic Reconstruction Approach for Urban Forests: The Mesiano University Park. *Sustainability*, 15(19), 14072. <https://doi.org/10.3390/su151914072>.
- **Chioni, C.**, Favargiotti, S. (2023). Digital representation of marginal landscapes: 'agile' 3D modeling workflows for an Italian inner valley. *Journal of Digital Landscape Architecture*, 8, pp. 134-141. <http://dx.doi.org/10.14627/537740015>.
- Favargiotti, S., Pasquali, M., **Chioni, C.**, Pianegonda, A. (2022). Water Resources and Health Tourism in Val di Sole: Key Elements for Innovating with Nature in the Italian Inner Territories. *Sustainability*, 14(8), 11294. <https://doi.org/10.3390/su141811294>.
- Pasquali, M., **Chioni, C.**, Favargiotti, S. (2022). Soaking in the thermal landscapes: a slow tour across the Italian inner territories. *Ri-Vista. Research for Landscape Architecture*, 20(1), pp. 222-237. <https://doi.org/10.36253/rv-12550>.

2. BOOK CHAPTERS

- Favargiotti, S., Biotti, A., **Chioni, C.**, Pianegonda, A. (in press). Val di Sole Blueprint. Reti e costellazioni dei paesaggi dell'acqua. In *Reti Città Territorio 2.0 Strategie per la valorizzazione dei sistemi policentrici*.
- **Chioni, C.** (2024). Patrimonio culturale, costruito e dinamiche insediative. In Ferretti M., Favargiotti S., Lino B., Rolando D. (eds), *BRANDING4RESILIENCE | ATLANTE. Ritratto di quattro territori interni italiani*. Siracusa: LetteraVentidue Edizioni. ISBN 978-88-6242-926-9, pp. 436-449.
- Favargiotti, S., **Chioni, C.** (2024). Progettare le forme dell'acqua. In Ferretti M., Favargiotti S., Lino B., Rolando D. (eds), *BRANDING4RESILIENCE | ATLANTE. Ritratto di quattro territori interni italiani*. Siracusa: LetteraVentidue Edizioni. ISBN 978-88-6242-926-9, pp. 490-491.
- **Chioni, C.** (2024). Gemelli digitali del paesaggio per la resilienza delle aree interne montane. In Ferretti M., Favargiotti S., Lino B., Rolando D. (eds), *BRANDING4RESILIENCE | ATLANTE. Ritratto di quattro territori interni italiani*. Siracusa: LetteraVentidue Edizioni. ISBN 978-88-6242-926-9, pp. 508-509.
- Favargiotti, S., **Chioni, C.**, Pasquali, M., Pianegonda, A. (2024). Val di Sole, IMMERGITI! Strategia collaborativa transvalliva per scoprire, valorizzare e promuovere le forme dell'acqua. In Ferretti M., Favargiotti S., Lino B., Rolando D. (eds), *BRANDING4RESILIENCE | ATLANTE. Ritratto di quattro territori interni italiani*. Siracusa: LetteraVentidue Edizioni. ISBN 978-88-6242-926-9, pp. 526-529.

- **Chioni, C.** (2024). MONTAGNA SOLIDALE. Rete comunitaria collaborativa nell'alta Val di Sole. In Ferretti M., Favargiotti S., Lino B., Rolando D. (eds), *BRANDING4RESILIENCE | ATLANTE. Ritratto di quattro territori interni italiani*. Siracusa: LetteraVentidue Edizioni. ISBN 978-88-6242-926-9, pp. 538-541.
- Battistoni, M., Castiglione, V., **Chioni, C.**, Cotana, F., Di Leo, B., Trivi, B. (2023). Così è se vi pare. Palinsesto di eventi culturali nella Valle del Clitunno. In Bianconi F., Filippucci M., Zagari F., Clemente M., Meschini M. (eds), *Hortus Lizori. Percorsi sulla rappresentazione del paesaggio e la valorizzazione del patrimonio storico culturale*, Santarcangelo di Romagna: Maggioli Editore. ISBN: 9788891662095, pp. 253-261.
- Favargiotti, S., Pasquali, M., **Chioni, C.** (2022). Mēditerrānēa Thermae. Through the thermal landscapes of the Italian inner territories. In Ricci M., *MedWays Open Atlas*, Siracusa: LetteraVentidue Edizioni S.r.l. ISBN 978-88-6242-735-7, pp. 118-127.

3. CONFERENCE PROCEEDINGS

- **Chioni, C.** (extended abstract accepted). ASSEMBLAGE IS MORE. Harnessing existing digital procedures for multiscale reality-based virtual landscapes. *Proceedings of Responsive Cities Design Matter(s) for Decarbonization Symposium*, 25-26 February 2025, Barcelona.
- **Chioni, C.** (in press). Landscape Ready-Made model(s). Digital tools for reality-based virtual landscapes. *Proceedings of Landscape as Architecture, 4th Symposium of the Istituto di studi urbani e del paesaggio (ISUP)*, 13-15 November 2024, Mendrisio (Switzerland).
- **Chioni, C.**, Pezzica, C., Altafini, D. (in press). Contributions of the configurational approach to territorial imbalances' mapping: A discussion centred on the Italian cohesion strategy. *Proceedings of the 14th International Space Syntax Symposium*, 24-28 June 2024, Cyprus.
- Maragno, A., Barbini, A., Bernardini, E., **Chioni, C.** (in press). Other stories. Virtual reconstruction of different design hypotheses for Piazza d'Arognò in Trento. *Proceedings of eXploRA. Virtual journeys to discover inaccessible heritages*, 15 March 2024, Roma (Italy).
- Albatici, R., **Chioni, C.**, Codemo, A., Favargiotti, S. (in press). Positive Energy Landscapes Community-based design for energy transition in Greece. *Proceedings of the New Interactions in the Energy Landscape*, 24-25 January 2024, Piacenza (Italy).
- Favargiotti, S., **Chioni, C.**, Pasquali, M. (in press). The Trentino Blueprint: Mapping Dynamics Assets for Sustainable Development of Marginal Territories in Alpine Context. *Proceedings of the Phd International Conference Ground(s)*, 10 December 2021, Bologna (Italy).
- Barbini, A., **Chioni, C.** (in press). Reality VS Virtual Modeling. From Building to Landscape Heritage Representation. *Proceedings of the 26th Conference on Cultural Heritage and New Technologies (CHNT)*, 2-4 November 2021, Vienna (Austria).
- **Chioni, C.**, Di Leo, B. (2024). Rappresentazione digitale per la progettazione delle aree interne italiane. In: Valentino, M., Ganciu, A., Fusinetti, A. (eds) *VL 2024 International Conference on Visualizing Landscape*. PUBLICA, Alghero. ISBN 9788899586430, pp. 40-55. <https://www.publicapress.it/index.php/book/visualizing-landscape/>.
- Maragno, A., Barbini, A., Bernardini, E., **Chioni, C.**, Massari, G. A. (2024). The measure for uncountable data from 3D digital survey. The case of the historical centre of Trento. In Bergamo F., Calandriello A., Ciammaichella M., Friso I., Gay F., Liva G., Monteleone C. (eds). *Measure / Out of Measure. Transitions. Proceedings of the 45th International Conference of Representation Disciplines Teachers*. Milano: FrancoAngeli. ISBN: 9788835166948, pp. 1679-1698. <https://dx.doi.org/10.3280/oa-1180-c554>.

- Pezzica, C., **Chioni, C.**, Mols, N.M.L. (2024). Exploring Alternative Urban and Architectural Virtual Realities Through Multidomain Digital Twins. In: Giordano, A., Russo, M., Spallone, R. (eds) *Advances in Representation*. Digital Innovations in Architecture, Engineering and Construction. Springer, Cham. ISBN 978-3-031-62963-1, pp. 675-690. https://doi.org/10.1007/978-3-031-62963-1_41.
- Pezzica, C., Altafini, D., Mara, F., **Chioni, C.** (2024). Travel-Time in a Grid: Modelling Movement Dynamics in the "Minute City". In: Marucci, A., Zullo, F., Fiorini, L., Saganeiti, L. (eds) *Innovation in Urban and Regional Planning*. INPUT 2023. Lecture Notes in Civil Engineering, vol 467. Springer, Cham. ISBN 978-3-031-54118-6, pp. 657-668. https://doi.org/10.1007/978-3-031-54118-6_58.
- Beozzo, S., **Chioni, C.**, Venturini, C. (2023). Is Landscape Sound? A multidisciplinary approach to the soundscape of Trento (Italy). *Proceedings of the Conference Dictionary for Multidisciplinary Music Integration (DiMMI)*, 25-26 June 2022, Trento (Italy). Trento: Università degli Studi di Trento. ISBN: 978-88-5541-044-1, pp. 51-55. http://dx.doi.org/10.15168/11572_398471.
- **Chioni, C.** (2023). *Multiscale Digital Landscape Reconstructions for Resilient Mountain Inner Areas*. In: Gervasi et al. (eds) *Computational Science and Its Applications – ICCSA 2023 Workshops*. ICCSA 2023. Lecture Notes in Computer Science, vol 14112. Cham: Springer. ISBN 978-3-031-37129-5, pp. 17-26. https://doi.org/10.1007/978-3-031-37129-5_2.
- **Chioni, C.**, Favargiotti, S. (2023). *Emerging models for landscape digital representation and responsive environments: comparing experiences towards the Digital Twin of an inner mountain valley in Italy*. In: La Greca et al. (eds) *Innovazione tecnologiche e qualità urbana*. Atti della XXIV Conferenza Nazionale SIU, Dare valore ai valori in urbanistica, vol. 01, 23-24 June 2022, Brescia (Italy). Roma-Milano: Planum Publisher e Società Italiana degli Urbanisti. ISBN: 978-88-99237-43-1, pp. 153-159. <http://www.planum.bedita.net/planum-magazine/planum-publisher-publication/atti-della-xxiv-conferenza-nazionale-siu-volume-uno-la-greca-rossetti-fistola-fregolent>.
- **Chioni, C.**, Barbini, A., Massari, G.A., Favargiotti, S. (2021). *Interoperable workflows: information life cycle at landscape and architectural scales*. In: Carta S. (ed) *AMPS Proceedings Series 25*. Urban Assemblage, Virtual. 28-30 June 2021. ISSN 2398-9467, pp. 234-243. <http://architecturemp.com/proceedings/>.
- Pezzica, C., Cutini, V., Bleil de Souza, C., **Chioni, C.** (2021). *Re-defining Spatial Typologies of Humanitarian Housing Plans Using Machine Learning*. In: La Rosa et al. (eds) *Innovation in Urban and Regional Planning*. INPUT 2021. Lecture Notes in Civil Engineering, vol 146. Cham: Springer. ISBN 978-3-030-68824-0, pp. 319-327. https://doi.org/10.1007/978-3-030-68824-0_35.
- **Chioni, C.**, Pezzica, C., Cutini, V., Bleil de Souza, C., Rusci, S. (2021). *Multiscale Configurational Approach to the Design of Public Open Spaces After Urban Disasters*. In: Eloy et al. (eds) *Formal Methods in Architecture*. Advances in Science, Technology & Innovation. Cham: Springer. ISBN 978-3-030-57509-0, pp. 171-183. https://doi.org/10.1007/978-3-030-57509-0_16.
- Pezzica, C., **Chioni, C.**, Cutini, V., Bleil de Souza, C. (2020). *Assessing the Impact of Temporary Housing Sites on Urban Socio-spatial Performance: The Case of the Central Italy Earthquake*. In: Gervasi et al. (eds) *Computational Science and Its Applications – ICCSA 2020*. ICCSA 2020. Lecture Notes in Computer Science, vol 12251. Cham: Springer. ISBN 978-3-030-58808-3, pp. 324-339. https://doi.org/10.1007/978-3-030-58808-3_24.

4. ABSTRACTS

- Codemo, A., **Chioni, C.**, Barbini, A., Pianegonda, A. (2023). Renewable Energy Landscapes: investigating the public perception to support inclusive planning processes. *Labyrinth of the World – Landscape Crossroads: Book of Abstracts – Conference Guide ECLAS 2023*. Brno: Mendel University, 10-13 September 2023. ISBN 978-80-7509-934-1, p. 125. <https://dx.doi.org/10.11118/978-80-7509-934-1>.
- **Chioni, C.**, Favargiotti, S., Pasquali, M., Pianegonda, A. (2022). HYDROLOGICAL RESOURCE AND HEALTH TOURISM OF VAL DI SOLE (ITALY): KEY ELEMENTS FOR SUSTAINABLE DEVELOPMENT OF INNER TERRITORIES". *IALE 2022 European Landscape Ecology Congress. Book of Abstracts*. Warsaw: Institute of Geography and Spatial Organization, Polish Academy of Sciences (IGiPZ PAN), 11-15 July 2022. ISBN 978-83-61590-99-6, p. 236. https://www.iale2022.eu/files/iale2021/downloads/news/2022-07-10/IALE2022_Book_of_Abstracts.pdf.
- Favargiotti, S., Pasquali, M., **Chioni, C.**, Pianegonda, A. (2022). ENHANCING WATER LANDSCAPES AT RISK OF INNER TERRITORIES IN THE ALPINE CONTEXT OF VAL DI SOLE (ITALY). *Defrag-Europe: fragility/antifragility at play in contemporary Europe*. Milano: EURA, 16-18 June 2022. P. 267. <https://www.eura2022.org/dist/docs/BOOK%20OF%20ABSTRACTS%2014062022.pdf>.
- Favargiotti, S., Pasquali, M., **Chioni, C.** (2021). The Trentino blueprint: a resilient strategy for sustainable development of marginal territories in Alpine context. *Third World Conference of the Society for Urban Ecology. Cities as social ecological systems. Book of Abstracts*. Poznań: Fundacja UAM w Poznaniu, 7-9 July 2021. ISBN 978-83-950380-2-0, p. 122. <https://share.ppnt.poznan.pl/index.php/s/18mzb2jYnK83xCd>.

5. THESES

- **Chioni, C.** (2024). *READY-MADE MODEL. Digital tools for reality-based virtual landscapes*. Doctoral thesis, University of Trento. <https://hdl.handle.net/11572/430590>.
- **Chioni, C.** (2019). *From Temporariness to Permanence. The case of "Borgo di Arquata" after the 2016 central Italy earthquake*. Master's thesis, University of Pisa. <https://etd.adm.unipi.it/t/etd-09192019-233840>.

6. TRANSLATION

- **Chioni, C.** (trad.). *La teoria del diamante e il progetto di architettura* by Valero Ramos E. (2021). Siracusa: LetteraVentidue Edizioni S.r.l. ISBN: 9788862425339.

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Chiara Chioni

