

PERSONAL DATA

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PRESENT POSITION

Associate Professor in Geography (Settore GEOG-01/A - Geography) at the Department of Historical and Geographic Sciences and the Ancient World, University of Padova (Italy) since 2022.

Instructor of “GIS: Mapping and Analysis” for the Master’s Degree Program in Local Development.

Instructor of “Cartography and GIS” for the Bachelor’s Degree Program in History.

Instructor of “Historical Cartography in Geohistorical Analysis” for the Second Level Master Degree in GIScience and Unmanned System for the Integrated Management of the Territory and the Natural Resources.

Instructor of “Historical GIS (advanced)” for the Doctoral Program in Historical, Geographical and Anthropological Studies.

Director of the GIS Laboratory of the Department of Historical and Geographic Sciences and the Ancient World in Padova.

Member of the Collegium in the Doctorate Program in Historical, Geographical and Anthropological Studies.

Member of the Steering Committee of the Second Level Master Degree in GIScience and Unmanned System for the integrated management of the territory and the natural resources.

Scientific Responsible for the laboratory “Geopolitica, cartografia e Geografia volontaria: per una cittadinanza attiva” together with Prof. F. Berti and G. Patrizio.

Member of the *Geoadria* and *the Journal of Cartography and Geographic Information* Editorial Board.

Vice President of the Cultural Association “ATHESIA - Centro Ricerche Ambientali”.

Reviewer for different international journals.

TITLES AND EDUCATION

- 2022. Associate Professor position in Geography** (MGGR01 - Scientific-Disciplinary Area 13 “Historical Sciences, Philosophy and Pedagogy” Macroarea of Human and Social Sciences) at the Department of Historical and Geographic Sciences and the Ancient World, University of Padova.
- 2021. National Scientific Qualification as Associate Professor** in the scientific sector 11/B1 (from May 11th 2021 to May 11th 2030).
- 2010. Tenured Researcher position in Geography** (MGGR01 - Scientific-Disciplinary Area 13 “Historical Sciences, Philosophy and Pedagogy” Macroarea of Human and Social Sciences) at the University of Padova.
- 2008. PhD (3 years) in Man and Environment** at the University of Padova with dissertation: “Palaeohydrography of Southern Venetian Plain and Man-Environmental Relationship in the Holocene”.
- 2004. MS (5 years) in Geological Sciences** (110/110 *cum laude*) at the University of Padova with dissertation: “Stratigraphical and palynological analysis of sediments from Ca’ Tron area – Roncade (TV)”.
- 1998. High School Degree (5 years)**. Istituto Tecnico Industriale Statale “Euganeo” Este – Padova (58/60).

Foreign Language

English: excellent oral/writing

French: moderate oral/writing

Period abroad (as visiting or under invitation)

- 2018-2019** (February-May) as **Visiting Affiliate Professor** at the University of South Carolina (USA) for the research project “Story Maps for Mobility Projects” (Progetto di Eccellenza MOHU - DiSSGeA).
- 2017-2018** (February-May) as **Visiting Affiliate Professor** at the University of South Carolina (USA) for the research projects on the American Civil War, on the length of the rivers in the USA and the participation at the research project “Assessing the Impacts of the October 2015 Meteorological Event on the Topography and Road Network of the McCrady Training Center”.
- 2016-2017** (February-May) as **Visiting Affiliate Professor** at the University of South Carolina (USA) for the participation at the research project “Assessing the Impacts of the October 2015 Meteorological Event on the Topography and Road Network of the McCrady Training Center”.
- 2015-2016** (February-May and August-September) as **Visiting Associate Professor** at the University of South Carolina (USA) for the participation at the research projects “Assessing the Impacts of the October 2015 Meteorological Event on the Topography and Road Network of the McCrady Training Center”, and “Geospatial Wetlands Impacts & Mitigation Forecasting Models”.
- 2014-2015** (February-May and August-September) as **Visiting Associate Professor** at the University of South Carolina (USA) for the research project “Protection of a Cultural and Natural Resource: A geo-historical Approach to Wetlands Mitigation” (Progetto Visiting Ca.Ri.Pa.Ro.), and for the participation at the projects “Geospatial Wetlands Impacts & Mitigation Forecasting Models” and “ArchSite IIC: Transition of Web-Based Archaeological & Historical Sites Geodata”.
- 2013-2014** (February) **invited**, for the participation at the research projects “Geospatial Wetlands Impacts & Mitigation Forecasting Models” e “Mobile Geospatial Situational Awareness for Field and Command Staff During the Emergency Response Phase – Transition” at the University of South Carolina (USA).

RESEARCH INTERESTS

Historical Geography, Historical Ecology and Military Geography

- Assessment of the war risk (e.g. unexploded ordnance) in the Veneto region using multidisciplinary techniques.
- The relationships between humans and the sylvan through case studies in Veneto and in the southeasterern United States.
- Geohistorical interactions between hydrography and human activities in alluvial plains, with a specific interest in the Adige and Po river systems (northeastern Italy). Particular focuses are dedicated to floods, wetlands, changes in river systems and more generally, to the ecosystem services provided by the Adige and Po rivers.
- The relationships between the environment in South Carolina and the military events of the American Civil War, with particular focus on wetlands, forests and weather.

Mobility and development in historical rural contexts

- The mobility of coal and people in the Kentucky valleys, with particular focus to the case study of Lynch (Harlan County).
- Development and decline of water powered mills and millponds in South Carolina and in Veneto region.
- Abandoned railways: between ecological corridors and greenways.

Historical Cartography and Geographical Information Systems

- Georeferentiation of historical maps and their use for in historical GIS projects.
- Evolution of historical maps in relation with geographical explorations in the Modern Age.
- Aerial photos, satellite imagery and LiDAR analysis and interpretation.
- Viewshed analysis in geohistorical case studies.
- Drones for environmental research.

Stratigraphic Architecture and Geomorphology of Alluvial Plains

- Palaeoenvironmental reconstructions based on manual and mechanical boreholes, geomorphological surveys and other methods for processing stratigraphical archives (e.g. palynological analysis, petrographical analysis, radiocarbon datings).

RESEARCH PROJECTS: RESPONSABILITY AND COLLABORATIONS

Projects Funded by Extra-European Institutions

2016-2017: Participation to the Project "Assessing the Impacts of the October 2015 Meteorological Event on the Topography and Road Network of the McCrady Training Center" funded by South Carolina Army National Guard (SCARNG), (March-August 2016 as Visiting Associate Professor at the University of South Carolina - Department of Geography, P.I. Prof. M.E. Hodgson).

2014-2016: Participation (funded 8.982 \$) to the Project “Geospatial Wetlands Impacts & Mitigation Forecasting Models” (402.822 \$), funded by the Department of Transportation of South Carolina (P.I. Prof. M.E. Hodgson, University of South Carolina).

2015: Participation (funded 1.553 \$) to the project “ArchSite IIC: Transition of Web-Based Archaeological & Historical Sites Geodata” (47.235 \$) South Carolina Department of Archives and History (P.I. Prof. M.E. Hodgson).

2014: Participation to the project “Mobile Geospatial Situational Awareness for Field and Command Staff During the Emergency Response Phase – Transition” (34.136 \$) funded by the Department of Homeland Security (P.I. Prof. M.E. Hodgson).

Projects of Relevant National Interest (Progetti di Rilevante Interesse Nazionale - PRIN)

2022-2024: Collaboration in PRIN (2022T382KE) “From deglobalization to autarky: crisis and metamorphosis of Italian economy in the 1930s” (P.I. Prof. Marco Bertilorenzi).

2019-2024: Scientific Responsible for the Unit of Padova (137,895 euro) in PRIN (prot. 20177H5KLM_003) “SYLVA. Rethink the sylvan: Towards the alliance between biology and artificiality, nature and society, wilderness and humanity” (P.I. Prof. Claudio Cerreti, University of Roma Tre).

2010-2012: Collaboration in PRIN (prot. 2008FJCEF4) “PICAR – Paesaggio culturale e impatto antropico in paesi circum-mediterranei: ricerca multidisciplinare con analisi di resti archeobotanici per la ricostruzione ambientale, filogeografica, climatica e virtuale” (P.I. Prof. A.M. Mercuri, University of Modena and Reggio Emilia).

2005: Collaboration in PRIN - Research Project of National Interest - “Climatic and environmental crisis, catastrophes, and human societies during the Holocene: a geoarchaeological approach” (P.I. Prof. M. Cremaschi, University of Milan).

Projects Funded by Ca.Ri.Pa.Ro. Italian Foundation

2015: Responsible for the Project “Protection of a Cultural and Natural Resource: A geo-historical Approach to Wetlands Mitigation” as Visiting Scholar at the University of South Carolina - Department of Geography). Funded by the Ca.Ri.Pa.Ro. Italian Foundation (7,250 euro).

2009-2010: Research Fellow within the “Padova Underground: an integrated geo-archaeological investigation of the city” Ca.Ri.Pa.Ro. Project (P.I. Dr. P. Mozzi, University of Padova).

Projects Funded by the DiSSGeA Department of Excellence Project “Mobility and the Humanities”

2018-2022: Scientific Responsible for the Mobility & Humanities Subproject “The march of General Sherman’s armies through South Carolina (1865)”, within the Progetto di Eccellenza MOHU – DiSSGeA.

2020: Outgoing Mobility Project: “Coal-related mobilities and abandonment in Kentucky: the case study of Lynch – Harlan County” (2,345 euro).

2019: Outgoing Mobility Project: “Story Maps for Mobility Projects” (1,800 euro).

Projects Funded by the University of Padova (MIUR ex-60%)

2024: “Coal company towns in Kentucky between abandonment and re-development”.

2023: “Company towns in Kentucky: abandonment or re-development? The case study of Three Cities”.

2022: “Guerra Civile Americana: il ruolo dell'ambiente nelle battaglie di Honey Hill e Rivers Bridge in South Carolina”.

2021: “Geohistorical analysis of the forests in South Carolina”.

- 2019: "Digital Humanities for the mobility of General Sherman's armies in South Carolina during the American Civil War".
- 2018: "Weather and General Sherman in South Carolina during the American Civil War".
- 2017: "Valore culturale e rischio associato alle dighe per i mulini in South Carolina (USA)".
- 2016: "Il ruolo delle aree umide nelle campagne di Sherman in South Carolina durante la Guerra di Secessione".
- 2014: "Evoluzione geostorica delle aree umide in South Carolina e nella pianura veneta meridionale".
- 2013: "Historical changes in the Adige fluvial system in Polesine and repercussions on the territory".
- 2012: "Successi delle acque in Polesine during the Serenissima government: a cartographical analysis", University of Padova.
- 2011: "Sviluppo locale e risorse territoriali" (P.I. Prof. P. Faggi).
- 2011: "Evoluzione geomorfologica e geoarcheologia della pianura veneta e confronti con contesti europei e extraeuropei" (P.I. Dr. P. Mozzi).
- 2009: "Araldica civica della provincia di Padova: tra toponomastica, storia e rappresentazione del territorio" (P.I. Dr. F. Benucci).

Projects Funded by the University of Padova (PRAT)

- 2015-2017: Collaboration in PRAT (Progetto di Ateneo) "Ecosystem services nella bassa pianura dell'Adige e del Bacchiglione dal medioevo all'età contemporanea" (P.I. Prof. D. Canzian, University of Padova).

Projects Funded by the Padova Municipality

- 2009-2011: Collaboration in the Project for didactical laboratory in Geography "Vivi Padova" – Padova Municipality.

Projects Funded or Co-Funded by the Regione Veneto

- 2008: University Grant within the Project "Schedatura degli Ambiti per la pianificazione paesaggistica di dettaglio sperimentali del Veneto" – Regione Veneto.
- 2008: University Grant within the Project "Via Annia", targeted to the conservation and enhancement of the Via Annia, one of the most important Roman Age roads of northern Italy – Società Arcus S.p.A., Regione del Veneto, Padova Municipality.
- 2006: Collaboration in the Project "Aque Patavinae", directed to the conservation and enhancement of Euganean thermal heritage - Società Arcus S.p.A., Regione del Veneto, Fondazione Ca.Ri.Pa.Ro., Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR).

Others

- 2022-present: Collaboration in the Research Project "War Risk assessment" (P.I. Prof. Aldino Bondsan).
- 2021-2022: Collaboration in the Project "Quante Padova?" (Scientific Responsible Prof. Andrea Pase).
- 2020-2021: Collaboration in the Project "Atlante Covid-19. Geografie del contagio in Italia" (Scientific Responsables Prof. Emanuela Casti & Prof. Andrea Riggio).
- 2010: Collaboration in CARG Project- Geological Cartography of Italy - 147 sheet "Monselice".
- 2009: Collaboration in "Geosinpav", for the definition of the Geomorphological Units of the Venice Province – Provincia di Venezia.

INTERNATIONAL AND NATIONAL CONFERENCES

Oral Presentations (*speaker/s underlined*)

- Mora L., Piovan S.E., Ferrarese F., Petriccione M., Hodgson M.E., Bondesan A. – Mapping the Marks of War: A Historical GIS Approach to digitalize WWI Military Cartography of the Sette Comuni di Asiago area (Vicenza, ITALY). Conferenza nazionale di Geomatica e Informazione Geografica ASITA 2024, Padova, 9-13 Dicembre 2024.
- Piovan S.-E., Arrò L., Canfailla L., Caneve D. – Venetian villas as generators of sylvan: case studies from the Veneto region (Italy). 18th International Cartographic Association Conference “Digital Approaches to Cartographic Heritage”, Bologna, 23-25 Ottobre 2024.
- Mora L., Piovan S.E., Hodgson M.E., Petriccione M., Bondesan A. – Preservation, coexistence, cancellation: a remote sensing approach to World War I Landscapes and Cultural Heritage in the Asiago Plateau (Northern Italy). 18th International Cartographic Association Conference “Digital Approaches to Cartographic Heritage”, Bologna, 23-25 Ottobre 2024.
- Bresciani I., Piovan S.E. – The Mills’ Atlas of South Carolina revealed by a cartographical analysis. 18th International Cartographic Association Conference “Digital Approaches to Cartographic Heritage”, Bologna, 23-25 Ottobre 2024.
- Ferrarese F., Piovan S.E., Sandri M. – The creation of a Historical GIS of stereoscopic views: the tour of the world. 18th International Cartographic Association Conference “Digital Approaches to Cartographic Heritage”, Bologna, 23-25 Ottobre 2024.
- Piovan S.E., Bresolin G. – “Fluvial meanders as generators of sylvan from cartography to field surveys. Case studies from the Veneto region (Italy). Convegno annuale AIC “Aria, acqua, terra, fuoco. L’ambiente esplorato attraverso la cartografia”, Roma, 25-27 Settembre 2024.
- Mora L., Piovan S.E., Hodgson M.E., Petriccione M., Bellon B., Bondesan A. – Exposure and Vulnerability Analysis of former conflict-affected areas in NE Italy for assessing UXO-related hazards. Convegno annuale AIC “Aria, acqua, terra, fuoco. L’ambiente esplorato attraverso la cartografia”, Roma, 25-27 Settembre 2024.
- Piovan S.E. – “La guida della selva di Padova”. Convegno nazionale PRIN 2017 SYLVA. Sguardi nella/dalla selva, Roma, 12 febbraio 2024.
- Piovan S.E. – “Inaspettate microselve urbane”. Convegno nazionale PRIN 2017 SYLVA. Sguardi nella/dalla selva, Roma, 12 febbraio 2024.
- Piovan S.E., Hodgson M.E. – “For a Local Re-Development in Lynch, Harlan County (Kentucky)”. International Conference on Digital Approaches to “Challenges and opportunities in the conservation, promotion and adaptive reuse of the industrial heritage” 6th Edition (online) 21-22 September 2023, Bucharest, Romania.
- Maurina L., Piovan S.E. – “Disclosing a cartographic heritage of the suburbs of Padova (Italy) for the dissemination of geohistorical awareness”. 19th International Conference on Geoinformation and Cartography, Zadar and online, 7-9 September 2023.
- Piovan S.E. – “Introduzione e stato dell’arte dell’Unità di Padova”. PRIN Sylva Project Online Conference, 16 February 2022.
- Filippini M., Piovan S.E., Hodgson M.E., Maurina L. – “Evolution of forest in the McCrady Training Base (South Carolina)”. Convegno Nazionale PRIN Sylva (online), 16 Febbraio 2022.
- Mora L. & Piovan S.E. – “L’ex ferrovia Ostiglia-Treviso analisi di una greenway nella rete ecologica del Veneto”. PRIN Sylva Project Online Conference, 16 February 2022.
- Maurina L., Piovan S.E., Filippini M., Hodgson M.E. – “Forests as protagonist on battlefields: the case studies of Rivers Bridge and Honey Hill”. Convegno Nazionale PRIN Sylva (online), 16 Febbraio 2022.

- Piovan S.E., Hodgson M.E., Filippini M., Maurina L. – “Forest in Military Through Cartography: the Case of the McCrady Training Base”. 30th International Cartographic Conference, Florence, 14-18 December 2021.
- Piovan S.E., Maurina L., Hodgson M.E., Filippini M. – “Forests as protagonist on battlefields: the case studies of Rivers Bridge and Honey Hill through the lens of a HGIS”. 30th International Cartographic Conference, Florence, 14-18 December 2021.
- Hodgson M.E., Piovan S.E. – “Modelling and Repeating Early Photographic Positions with Aerial Drones”. 30th International Cartographic Conference, Florence, 14-18 December 2021.
- Piovan S.E., Celetti D. – “Studiare la selva: casi di studio e approcci metodologici dell’unità Padovana”. PRIN Sylva Project Online Conference 25 February 2021.
- Piovan S.E., Mozzi P. Hodgson M.E. – “Il ruolo della foresta nel McCrady Training Center (SC)”. PRIN Sylva Project Online Conference 25 February 2021.
- Filippini M., Maurina L., Piovan S.E. – “Le foreste del South Carolina nella guerra Civile Americana: dalla cartografia all’HGIS”. PRIN Sylva Project Online Conference 25 February 2021.
- Piovan S.E., Filippini M., Hodgson M.E. – “Wetland Loss in Northeastern Italy Documented by Historical Maps”. 29th International Cartographic Conference “Mapping Everything for Everyone”, Tokyo, 15-20 July 2019.
- David, W., Giannino, F., Heathfield, D., Hubervic, A., Aknai, A., Sfetsos, A., Piovan, S.E. – Giving life to the map can save more lives. Wildfire scenario with interoperable simulations. 29th International Cartographic Conference “Mapping Everything for Everyone”, Tokyo, 15-20 July 2019.
- Hodgson M.E., Piovan S.E. – “Modelling and Mapping Elusive Locations of Historic Water-Powered Grist Mills”. 29th International Cartographic Conference “Mapping Everything for Everyone”, 15-20 July 2019, Tokyo (Japan).
- Sang K., Piovan S.E. – “The application of GIS in railway heritage management: the case of Yunnan-Vietnam Railway”. 29th International Cartographic Conference “Mapping Everything for Everyone”, 15-20 July 2019, Tokyo (Japan).
- Piovan S.E., Hodgson M.E. – “A military-engineered flood in WWI: the case study from the Adige and Fratta-Gorzone rivers (Italy)”. The 13th International Conference on Military Geosciences “Peace Follow War: Geosciences, Territorial Impacts and Post-Conflict Reconstruction”, 24-28 June 2019, Padova (Italy).
- Piovan S.E., Hodgson M.E. – “Historical GIS and Dasymetric Mapping: the planned flood of the Southern Venetian Plain (WWI)”. Convegno annuale AIC “Rappresentare la complessità territoriale: flussi, identità, valori”, Noto, Centro CUMO, 8-10 Maggio 2019.
- Filippini M., Piovan S.E., Hodgson M.E. – “Assessing Wetland Loss in the province of Padova with a Historical GIS Approach. Convegno annuale AIC “Rappresentare la complessità territoriale: flussi, identità, valori”, Noto, Centro CUMO, 8-10 Maggio 2019.
- Piovan S.E., Filippini M., Hodgson M.E. – “Historical GIS Approach to Document Wetlands Lost in Northeastern Italy”, AAG Annual Meeting, 3-7 April, 2019, Washington (USA).
- Hodgson M.E., Li Z., Piovan S.E., Koylu C. – “Language and Twitter-based Social Media During Disaster Events”, AAG Annual Meeting, April 3-7, 2019, Washington (USA).
- Piovan S.E., Hodgson M.E. – “Modeling Population Displacement from a WWI Military-Engineered Flood Using Historical Maps and GIS”, 7th International Conference on Cartography & GIS, 18-23 June, 2018, Sozopol, Bulgaria.
- Hodgson M.E., Piovan S.E., Porter D., Hall B., Mozzi P. – “LiDAR, Historic Maps and Aerial Photos in the Analysis of Landscape Change from an Extreme Hazardous Rainfall Event”, 7th International Conference on Cartography & GIS, 18-23 June 2018, Sozopol, Bulgaria.
- Piovan S.E., Hodgson M.E. – “The Paths of General Sherman’s Army Through the Wetlands of South Carolina”, AAG Annual Meeting, 10-14, 2018 April, New Orleans (USA).

- Hodgson M.E., Li Z., Piovan S.E., Davis B. – “The Use of Social Media in Guiding Satellite Image Collection During Disaster Events”, AAG Annual Meeting, 10-14 April, 2018, New Orleans (USA).
- Piovan S.E., Hodgson M.E. – “A Military-Engineered Flood in WWI: the case study from the Adige and Fratta-Gorzone Rivers (Italy)”, Conferenza Ecosystem Services in European Floodplains, Padova, 18 May, 2017.
- Hodgson M.E., Piovan S.E. – “The Unseen Evolution of Ecosystem Services Provided by Mill Ponds in South Carolina”, Ecosystem Services in European Floodplains, Padova, May 18, 2017.
- Piovan S.E., Hodgson M.E. – Modeling Population Displacement from an Army Engineered Massive Flood, AAG Annual Meeting, 5-9 April, 2017, Boston (USA).
- Hodgson M.E., Piovan S.E., Porter D., Poulson W., Mozzi P. – Modeling Overland Sediment Movement from an Extreme Hazardous Rainfall Event, AAG Annual Meeting, 5-9 April, 2017, Boston (USA).
- Mozzi P., Piovan S., Corrà E. – Drivers and impacts of abrupt river changes in the Adige alluvial plain and northern Po delta. Conference Ex Aqua 2016. Palaeohydrological extreme events: evidence and archives, 26 September – 1 October 2016, Padova (Italy).
- Piovan S.E., Hodgson M.E. – GIScience and Geospatial Intelligence, GIS Day 2016 Conference, University of Padova, Italy, November 16, 2016.
- Piovan S.E., Hodgson M.E. – How Many Carolina bays? An analysis of Carolina bays from USGS topographic maps at different scales, AAG Annual Meeting, 29 March - 2 April 2016, San Francisco (USA).
- Hodgson M.E., J. Kupfer, S.E. Piovan, S., Connolly, C. Long, H. Xu, P. Leslie, T. Creed, J. Siceoff, R. Chandler, K. Beidel, P. Gao, Modeling Wetlands Likelihood for Transportation Mitigation Projects, AAG Annual Meeting, 29 March - 2 April 2016, San Francisco (USA).
- Hodgson M.E., Davis B.A., Accardo D., Xu H., Beidel K., Piovan S.E. – A Real-Time Mobile Image Analysis Tool (MIAT) for Field and Command Staff during the Emergency Response Phase, 5th International Cartographic and GIS Conference 2014, 16 June 2014, Riviera (Bulgaria).
- Piovan S., Simonetti R. – Hydraulic works on the lower course of Adige River system as represented in the 16th-19th century cartography. Colloque du CRESAT (Centre de Recherche sur les Economies, les Sociétés, les Arts et les Techniques) “Regards croisés sur l’aménagement des cours d’eau”, 21-22 Novembre 2013, Mulhouse (France).
- Piovan S., Benucci F. – The contentious border between Padua territory and Venice as represented by the cartography of 16th-18th century. 26th International Cartographic Conference “From Pole to Pole”, 25-30 August 2013, Dresden (Germany).
- Piovan S. – Venetian Plain, Lagoon and Po Delta. Recognizing natural and cultural heritage related to the water management also by means of historical cartography. 16th European Seminar on the Geography of Water, 7-18 July 2013, Zadar (Croatia).
- Piovan S., Bittante E. – Recupero, studio e valorizzazione di aerofotografie storiche per i beni naturali e culturali del Polesine. Presentazione del progetto “Trasparenze di paesaggi – Atlante aerofotografico del Polesine”, 14 Dicembre 2012, Rovigo (Italy).
- Piovan S. – Fiumi nel territorio di Villadose nell’antichità: Po, Adige, Adigetto. Convegno Regionale delle Associazioni di Archeologia del Veneto, 2 Settembre 2012, Villadose (Rovigo – Italy).
- Piovan S. – Late Holocene palaeohydrography in central and southern Venetian Plain. 15th European Seminar on the Geography of Water, 15-26 July 2012, Munich and Upper Bavaria (Germany).
- Piovan S., Stefani C., Mozzi P. – Late Holoce palaeohydrography in central and southern Venetian Plain: the role of petrographical sand analysis. Convegno GeoSed, 2-6 Luglio 2012, Feltre (Italy).
- Piovan S. – La Mappa del Valle (1801) come strumento d’indagine dell’evoluzione idrografica e del territorio nella pianura veneto-ferrarese. Convegno annuale AIC “La cartografia nella tutela e valorizzazione dei beni naturali e culturali”, 10-11 Maggio 2012, Padova (Italy).

- Fontana A., Mozzi P., Gelichi S., Negrelli C., Piovan S. – Geological evidence and written sources of the medieval “diluvium”: a strong natural phase after the Roman anthropogenic period? AIQUA Congress 15-17 February 2012, Pisa (Italy).
- Piovan S. – Case studies from Late Holocene Man-Environment relationship in Adige-Po plain (ITALY). 14th European Seminar on the Geography of Water, 26 June - 06 July 2011, Cagliari (Italy).
- Piovan S. – Palaeohydrography of Late Holocene Adige-Po plain (ITALY). 13th European Seminar on Geography of Water, 4-15 July, 2010 “Community Scale Water Management patterns in Transylvania” Cluj-Napoca (Romania).
- Mozzi P., Ferrarese F., Fontana A., Ninfo A., Piovan S., Rossato S. & Veronese F. – Palaeohydrography and urban evolution of Padua (Italy). 7^o Forum Italiano di Scienze della Terra Geolitalia, 09-11 Settembre 2009, Rimini (Italy).
- Piovan S. & Mozzi P. – Holocene palaeohydrography and stratigraphy of the south Venetian Plain. Convegno GeoSed 25-26 Settembre 2008, Bari (Italy).
- Piovan S., Mozzi P., Miola A., Stefani C. – Stratigraphy and geomorphology of an abandoned northern branch of the Po river, the Po di Adria paleochannel (Italy). 6^o Forum Italiano di Scienze della Terra Geolitalia 2007, 12-14 Settembre 2007, Rimini (Italy).
- Piovan S., Mozzi P., Miola A., Stefani C. – Late Holocene palaeoenvironmental evolution and human settlements in the Adige river plain (Italy). 17th INQUA International Congress, 28 July - 3 August 2007, Cairns (Australia).
- Piovan S., Peretto R., Mozzi P. – Palaeohydrography and ancient settlements in the Adige river plain, between Rovigo and Adria (Italy). 2nd Conference on Remote Sensing and Archaeology, 4-7 December 2006, Rome (Italy).
- Piovan S. – La valle dell’Adige tra Rovigo e Adria: Pettorazza e Villadose in uno studio geoarcheologico. Convegno Regionale delle Associazioni di Archeologia del Veneto, 01 Settembre 2006, Villadose (Rovigo - Italy).
- Piovan S. – Palaeoecological and stratigraphic study on a palaeomeander of Adige river near Pettorazza Grimani, north-eastern Italy. 5th International Postgraduate Symposium of Quaternary Research Association, 29 August-01 September 2006, Edinburg (Scotland).
- Miola A., Canale A., Favaretto S., Piovan S., Sostizzo I. – The late glacial maximum hydrological conditions of the Venetian Po Plain (north-eastern Italy). Some evidence from non-pollen palynomorphs. 11th International Palynological Congress, 4-9 July 2004, Granada (Spain).
- Mozzi P., Ferrarese F., Piovan S., Ninfo A. – Sediment transfer to the Brenta River megafan (Po Plain, Italy) in the last 25 ka. 8th International Conference on Fluvial Sedimentology, 07-12 August 2005, Delft (The Netherlands).

Poster

- Mora L., Ferrarese F., Piovan S.E., Hodgson M.E., Petriccione M., Bondesan A. – World War I historical cartography: a framework for a military Historical GIS database. 15th International Conference on Military Geosciences, Somerset West (South Africa).
- Bondesan A., Piovan S.E., Petriccione M., Mora L., Hodgson M.E., Ferrarese F., Bettin F., Gallo F.L., Baldan G., Taverna I., Bellon B. – VRB Project: A Geographical Information System for Bomb Risk Mapping in the Veneto Region (NE Italy). 15th International Conference on Military Geosciences, Somerset West (South Africa).
- Piovan S.E., Maugeri E., Hodgson M.E., Luconi S. – The Paths of General Sherman’s Army Through the Wetlands of South Carolina. 13th International Conference on Military Geosciences “Peace Follow War: Geosciences, Territorial Impacts and Post-Conflict Reconstruction”, 24-28 June 2019, Padova (Italy).

- Hodgson M.E., Piovan S.E., Porter D., Mozzi P. – Modeling Overland Sediment Movement on the South Carolina Training Center from an Extreme Hazardous Rainfall Event. 13th International Conference on Military Geosciences “Peace Follow War: Geosciences, Territorial Impacts and Post-Conflict Reconstruction”, 24-28 June 2019, Padova (Italy).
- Piovan S.E., Hodgson M.E. – How Many Carolina Bays? Geoinformatic Forum 2016, 5-8 July 2016, Salzburg (Austria).
- Hodgson M.E., Piovan S.E., Xu H., Kupfer J., Long C., Creed T. – Model for Forecasting Transportation-Related Wetland Impacts. Geoinformatic Forum 2016, 5-8 July 2016, Salzburg (Austria).
- Piovan S., Mozzi P. – Late Holocene alluvial architecture of Po and Adige rivers revealed by high resolution stratigraphical and geomorphological data. 18th INQUA International Congress, 21-27 July 2011, Bern (Switzerland).
- Piovan S., Mozzi P. Recognizing avulsion events in the Adige River alluvial system. Convegno AIQUA 2011 “Il Quaternario Italiano: conoscenze e prospettive”, 24 e 25 Febbraio 2011, Roma (Italy).
- Piovan S., Mozzi P. – Holocene stratigraphy of the south Venetian Plain: new insight data and correlations. 85° Congresso della Società Geologia Italiana, 6-8 Settembre 2010.
- Piovan S., Biagioni S., Marchesini M., Mozzi P. – Stratigraphy and palynology of late holocene adige-po alluvial plain near Adria (Italy). 27th Meeting of the International Association of Sedimentologists, 20-23 September 2009, Alghero (Italy).
- Mozzi P., Ferrarese F., Fontana A., Ninfo A., Piovan S., Rossato S., Veronese F. – High resolution DTMs for the analysis of fluvial and anthropogenic landforms in the alluvial plain of Padua (Italy). 3° Convegno Nazionale AIGeo in onore del Prof. Mario Panizza: Il ruolo della Geomorfologia nella gestione del territorio, 14-18 Settembre 2009, Modena e Alta Val Badia (Italy).
- Piovan S., Maragno E., Mozzi P. – The roman road “via di Villadose” and its relations with the palaeohydrography (Rovigo - Italy). Convegno GeoSed, 25-29 Settembre 2006, Modena (Italy).
- Piovan S., Ninfo A. – Methodologies in a geomorphological approach: examples from the Venetian Po Plain (north-eastern Italy). 9th European Seminar on the Geography of Water, 18-28 August 2005, Tartu (Estonia).
- Piovan S., Miola A. – Hydrological and ecological conditions of the Venetian Po Plain (north-eastern Italy) from late glacial maximum pollen and non-pollen palynomorph records. 8th European Seminar on the Geography of Water, 20-29 August 2004, Pecs (Hungary).

Other Participations

- GI-Forum Symposium and Exhibit, 4-7 July 2017, Salzburg, Austria.
- Colloque du RUCHE (Réseau Universitaire de Chercheurs en Histoire Environnementale) “Les impacts environnementaux et sociaux de l’aménagement territorial: perspectives historiques”, 5-6 Septembre 2013, Paris (France).
- 25th International Cartographic Conference “Enlightened view on Cartography and GIS”, 3-8 July 2011, Paris (France).
- Giornate della Geografia, 23-24-25 Settembre 2010.
- Convegno Internazionale “Le sfide cartografiche: movimento, partecipazione, rischio”, 23-24 Aprile 2009, Bergamo (Italy).
- Convegno di studi di archeologia e territorio “Dinamiche insediative nel territorio dei Colli Euganei dal Paleolitico al Medioevo”, 27 Novembre 2009, Este – Padova (Italy).
- Convegno “Le scienze della terra al servizio della comunità”, 13 Marzo 2009, Mestre (Italy).

Advanced Course “Sequence stratigraphy: From Source to Sink” (Prof. Bilal U. Haq), 28 September-2 October 2008, Matera (Italy).

INQUA 2007 Fieldtrip “Aeolian landscapes of Southeastern Australia: landscape evolution and palaeoclimates” (Dr. Paul Hesse, Macquarie University), 5-10 August 2007, from Adelaide to Sydney (Australia).

INQUA – SEQS Meeting “Quaternary Stratigraphy and Evolution of the Alpine Region in the European and Global Framework”, 11-15 September 2006, Milano.

Giornate della Geografia “Rischi e territorio nel mondo globale”, 24-25-26 Maggio 2006, Udine (Italy).

Convegno “Il paesaggio vicino a noi: educazione, consapevolezza, responsabilità”, 24 marzo 2006, Padova (Italy).

9th AIQUA Summer School of Quaternary Geology “Geological Survey of glacial deposits” (Prof. Alfredo Bini, University of Milan), 05-11 September 2005, Moniga del Garda (Italy).

5° Incontro Nazionale di Archeologia Viva, 20 Febbraio 2005.

Workshop “Le periferie delle terramare”, 31 Agosto e 01 Settembre 2005, Poviglio (Italy).

Convegno AIQUA “La geoarcheologia: metodi ed applicazioni”, 07-08 Luglio 2005, Verona (Italy).

International Workshop on Non-Pollen palynomorphs, 16-18 March 2005, Greifswald (Germany).

Convegno AIGeo “Montagne e Pianure: recenti sviluppi nella ricerca in Geografia Fisica e Geomorfologia”, 15-16-17 Febbraio 2005, Padova (Italy).

Giornate di Studio “La Via Annia e le sue infrastrutture”, 6-7 Novembre 2003, Roncade – Treviso (Italy).

Scavo archeologico nell’area dell’ex Abbazia della Vangadizza (prof. A. Nicoletti), (20 giorni) nel Luglio 2003, Badia Polesine – Rovigo (Italy).

DIDACTICS AND STUDENT SERVICE

Teaching in Bachelor and Master Degree Programs

Since the a.y. 2023-2024 - present:

“GIS: Mapping and Analysis” (9 CFU) for the master degree program in Local Development.

“Cartography and GIS” (9 CFU) for the bachelor degree program in History, borrowed to the bachelor degree programs in Design and Management of Cultural Tourism (9 CFU) and Archaeology (6 CFU).

“Cartography: an introduction toward critical cartography” 2 hours seminar for the students in Political sciences, international relations, human rights.

a.y. 2022-2023:

“GIS: Mapping and Analysis” (9 CFU) for the master degree program in Local Development, mutuato al corso di laurea magistrale in Scienze per il Paesaggio per 6 CFU (“Introduction to GIS”).

“Cartography and GIS” (9 CFU) for the bachelor degree program in History, borrowed to the bachelor degree programs in Design and Management of Cultural Tourism (9 CFU) and Archaeology (6 CFU).

“Cartography: an introduction toward critical cartography” 2 hours seminar for the students in Political sciences, international relations, human rights.

a.y. 2021-2022:

“GIS: Mapping and Analysis” (9 CFU) for the master degree program in Local Development, mutuato al corso di laurea magistrale in Scienze per il Paesaggio per 6 CFU (“Introduction to GIS”).

“Cartography and GIS” (9 CFU) for the bachelor degree program in History, borrowed to the bachelor degree programs in Design and Management of Cultural Tourism (9 CFU) and Archaeology (6 CFU).

a.y. 2021-2022:

“GIS: Mapping and Analysis” (9 CFU) for the master degree program in Local Development, mutuato al corso di laurea magistrale in Scienze per il Paesaggio per 6 CFU (“Introduction to GIS”).

“Cartography and GIS” (9 CFU) for the bachelor degree program in History, borrowed to the bachelor degree programs in Design and Management of Cultural Tourism (9 CFU) and Archaeology (6 CFU).

a.y. 2020-2021:

“GIS: Mapping and Analysis” (9 CFU) for the master degree program in Local Development, mutuato al corso di laurea magistrale in Scienze per il Paesaggio per 6 CFU (“Introduction to GIS”).

“Cartography and GIS” (9 CFU) for the bachelor degree program in History, borrowed to the bachelor degree programs in Design and Management of Cultural Tourism (9 CFU) and Archaeology (6 CFU).

a.y. 2019-2020:

“GIS for Local Development” (6 CFU) for the master degree program in Local Development.

“Cartography and GIS” (9 CFU) for the bachelor degree program in History, borrowed to the bachelor degree programs in Design and Management of Cultural Tourism (9 CFU) and Archaeology (6 CFU).

a.y. 2018-2019:

“GIS for Local Development” (6 CFU) for the master degree program in Local Development.

“Cartography and GIS” (9 CFU) for the bachelor degree program in History, borrowed to the bachelor degree programs in Design and Management of Cultural Tourism (9 CFU) and Archaeology (6 CFU).

a.y. 2017-2018:

“GIS for Local Development” (6 CFU) for the master degree program in Local Development.

“Historical Cartography” for the bachelor degree program in History (9 CFU).

a.y. 2016-2017:

“Local Development, Space Framing and GIS” (6 CFU) for the master degree program in Local Development.

“Historical Cartography” for the bachelor degree program in History (9 CFU).

a.y. 2015-2016:

“Cartography and GIS” for the bachelor degree program in Design and Management of Cultural Tourism (9 CFU).

a.y. 2014-2015:

“Cartography and GIS” for the bachelor degree program in Design and Management of Cultural Tourism (9 CFU).

“Geografia Sociale” for the bachelor degree program in Educational and Formation Sciences (6 CFU).

a.y. 2013-2014:

“Cartography and GIS” for the bachelor degree program in Design and Management of Cultural Tourism (9 CFU).

a.y. 2012-2013:

“Cartography” for the bachelor degree program in Design and Management of Cultural Tourism (9 CFU).

a.y. 2011-2012:

“Cartography” for the bachelor degree program in Design and Management of Cultural Tourism (9 CFU).

a.y. 2010-2011:

“GIS Laboratory” for the bachelor degree program in Geography of Territorial Processes (6 CFU).

“Applied Geography Laboratory” for the bachelor degree program in Geography of Territorial Processes (6 CFU).

Teaching in PhD Programs and Masters**Since the a.y. 2015-2016 - present:**

“Historical GIS” (1 CFU) for the Doctoral Program in Historical, Geographical and Anthropological Studies.

a.y. 2022-2023:

“Cartography as Geohistorical Method” (3 hours) for the Doctoral Program in Historical, Geographical and Anthropological Studies.

Since the a.y. 2019-2020 - present:

“Historical cartography in geohistorical analysis” (2 CFU) for the Second Level Master Degree in GIScience and Unmanned System for the Integrated Management of the Territory and the Natural Resources.

From the a.y. 2016-2017 to the a.y. 2018-2019:

“Historical cartography and use of historical maps in geohistorical reconstructions” (2 CFU) for the Second Level Master Degree in GIScience and Unmanned System for the Integrated Management of the Territory and the Natural Resources.

Seminars and workshop in abroad universities and centers

Hodgson M.E., Kupfer J., Piovan S.E., Xu H., Beidel K., Gao P., Connelly S., Long C., Creed T., Siceloff J., Chandler R. – A Wetlands Impact Tool for Forecasting Mitigation, SCDOT Ecological Workshop, 6 April 2016, Charleston, South Carolina.

Hodgson M.E., Piovan S.E. – Workshop: Working with LiDAR Data, GI-Forum 2016, 6 July 2016, University of Salzburg, Austria [invited].

Piovan S.E. “GIS and Geo-Historical Reconstructions” for the course “Seminar in GIS” at the Department of Geography, University of South Carolina, 30 Marzo 2015 [invited].

Piovan S. – Historical Maps and Photos as Tools for Environmental and Cultural Heritage: Examples from the Alluvial Plain. Colloquium presentation at the Department of Geography of University of South Carolina, 6 March 2015, Columbia – SC (USA) [invited].

Piovan S.E. “Geo-historical approach for the study of rural landscapes in the Southern Venetian Plain” at the Department of Geoinformatics and Geography, University of Salzburg, 27 March 2014 [invited].

Piovan S. – The geo-historical approach to man-waters relationship in the alluvial plain. Colloquium presentation at the USGS National Wetlands Research Center, Lafayette – LA (USA), 21 February 2014, [invited].

Piovan S.E. – “The Evolution of the Man-water Relationship in the Adige River Alluvial Plain in the Late Holocene” at the Department of Geography, University of South Carolina, 17 February 2014 [invited].

Didactics for teachers (PAS, TFA and Percorsi abilitanti di formazione iniziale docenti)**a.y. 2023-2024:**

“Geography in the Digital world: Cartographic tools and Teaching technologies – Mod. 1: Cartography and GIS” (2 CFU) for the Percorsi abilitanti di formazione iniziale docenti Classe A021 – Geografia nelle Scuole Secondarie di II grado.

a.y. 2013-2014:

“Physical Geography and Cartography” (3 CFU) for the PAS 039 – Geografia nella Scuola Secondaria di II grado.

“Tools for the Didactics of Geography” for the PAS 050 – Materie letterarie nella Scuola Secondaria di II grado.

a.y. 2012-2013:

“Cartographic Reading of Po Delta” (0,5 CFU) for the TFA A043 – Italiano Storia e Geografia nella Scuola Secondaria di I grado.

“Laboratory of Didactics of Geography and Geohistory” (1 CFU) for the TFA A050 – Lettere nella Scuola Secondaria di II grado.

“The Map as a Tool for the Didactics” (1 CFU) for the TFA039 – Geografia nella Scuola Secondaria di II grado.

Didactical Support

From the a.y. 2008-2009 to the a.y. 2009-2010:

“Introduction to the Earth Sciences” for the Bachelor Degree Course in Sciences and Technologies for the Environment.

From the a.y. 2005-2006 to the a.y. 2007-2008:

“Physical Geography” for the Bachelor Degree Course in Earth Sciences.

Supervision of Doctorate, Master and Bachelor thesis

DOCTORATE

Sharman E. (01/02/2025 – 01/05/2025) – Supervision of a incoming period within the Erasmus+ Program (Thesis chapters towards doctoral thesis).

Mora L. (2022-present) – *Analisi territoriale, telerilevamento e GIS storico della pianura veneta centrale e dell’Altopiano di Asiago nel comprensorio di Etra Spa*. Doctoral School in Historical, Geographical and Anthropological Studies, University of Padova.

Maurina L. (2021-present) – *I mulini ad acqua tra Veneto e South Carolina negli ultimi due secoli: Geostoria e Digital Humanities*. Doctoral School in Historical, Geographical and Anthropological Studies, University of Padova.

Peroni F. (2019-2022) – *Cartografie dei servizi ecosistemici e della sostenibilità territoriale urbana: un approccio geografico*. Doctoral School in Historical, Geographical and Anthropological Studies, University of Padova.

Sang K. (2018-2021) – *Yunnan-Vietnam railway heritage corridor: construction and development*. Doctoral School in Historical, Geographical and Anthropological Studies, University of Padova.

Larcher V. (2014-2017) – *South Tyrol maps in German and Italian School Historical Atlases as nationalistic cartographic ‘workshop’*. Doctoral School in Historical, Geographical and Anthropological Studies, University of Padova.

Valent G.M. (2013-2016) – *La gestione emergenziale del territorio come laboratorio d’ingegneria sociale*. Doctoral School in Historical, Geographical and Anthropological Studies, University of Padova.

MASTER DEGREE

Crestani R. – *For a GIS analysis of the green areas in the Venetian Villas- A discussion of the local cultural heritage in Rovigo province, Italy*. Local Development master’s level degree (a.y. 2023-2024).

- Saadati N. – *The Evolution of Coal Company Towns in Kentucky*. Local Development master's level degree (a.y. 2023-2024).
- Bresolin G. – *Fluvial Meanders as Generators of Riparian Sylvan Areas. The Case of the Brenta and Bacchiglione in the Anthropized Padova Province*. Local Development master's level degree (a.y. 2023-2024).
- Onyina E. – *Mapping Groundwater Potential Zones for Irrigation against Climate Change Using Geographic Information System and Remote Sensing in the Wenchi Municipality in the Bono Region of Ghana*. Local Development master's level degree (a.y. 2023-2024).
- Gordon Wani M.P. – *Assessment of flood hazard susceptibility in South Sudan's Upper Nile state using GIS-based multi-criteria analysis*. Local Development master's level degree (a.y. 2022-2023).
- Vitangeli V. – *The Value of Biodiversity in the Socio-Ecological System of Val di Non: A Local Development Approach*. Local Development master's level degree (a.y. 2022-2023).
- Mauro F. – *"From rail to trail" e sviluppo locale: analisi delle tratte Verona – Ostiglia e Padova – Carmignano di Brenta*. Landscape Sciences master's level degree (a.y. 2022-2023).
- Tonegatti F. – *The forest, the sea and the lagoon: an analysis of local development scenarios in Ca' Roman, Venice*. Local Development master's level degree (a.y. 2022-2023).
- Sarpeh N.J. – *Incorporating Students' Knowledge Towards the Management of the Private Rental Housing Challenges at the University of Padova, Italy*. Local Development master's level degree (a.y. 2022-2023).
- Von Buttler A. – *Just Development or Just Development? A Spatial Justice Approach to Urban Green Space in Padova*. Local Development master's level degree (a.y. 2021-2022).
- Carraro C. – *Strengthening of decentralised HIV services: the impact of the CLUB model in Test and Treat project, Tanzania*. Local Development master's level degree (a.y. 2021-2022).
- Mora L. – *La ferrovia abbandonata tra Ostiglia e Treviso dalla cartografia ad un HGIS*. Historical Sciences master's level degree (a.a. 2020-2021).
- Bordon C. – *Dis/Abilities: Enabling Mapping for All. Civic Hacking-Based Decision Support System. The case study of Rovigo*. Local Development master's level degree (a.y. 2020-2021).
- Trevisan M. – *Mappatura del patrimonio in pietra a secco nei territori di Cherso e Lussinpiccolo*. Archaeological Sciences master's level degree (a.y. 2020-2021).
- Maurina L. – *Mulini dimenticati del South Carolina (USA). Creazione di un database attraverso l'analisi GIS di cartografia storica e rilevamento sul terreno*. Historical Sciences master's level degree (a.y. 2018-2019).

BACHELOR DEGREE

- Bonato K. – *Ampezzo con gli occhi di Marco Davanzo. Proposta di itinerario culturale nei luoghi dipinti dal pittore carnico*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2024-2025).
- Zenere S. – *Analisi geostorica dei mulini nel Vicentino centro-occidentale*. History bachelor's level degree (a.y. 2023-2024).
- Ganau V. – *Analisi geostorica del complesso minerario di Montevicchio attraverso l'utilizzo di Historical GIS*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2022-2023).
- Bozza L. – *Analisi geo-storica da telerilevamento di danni della 1a guerra mondiale e degli elementi difensivi nell'Altopiano di Asiago e nella Valsugana Veneta*. History bachelor's level degree (a.y. 2022-2023).
- Cisotto G.E. – *Analisi geostorica da telerilevamento dei danni e degli elementi difensivi della Prima Guerra Mondiale nell'area di Asiago*. History bachelor's level degree (a.y. 2022-2023).
- Vanz G. – *I mulini tra la Valbelluna e la Val del Mis: costruzione ed analisi di un Historical GIS*. History bachelor's level degree (a.y. 2022-2023).

- Granzarollo R. – *Passi volanti dell'Adige. Per un Historical GIS sui traghetti ripari nella bassa pianura veneta fra Ottocento e Novecento*. History bachelor's level degree (a.y. 2021-2022).
- Poletto P. – *Primi esploratori europei in Sud Carolina: un'analisi geostorica e cartografica*. History bachelor's level degree (a.y. 2021-2022).
- Zambrin G. – *Aree umide e mulini natanti del Basso Veronese*. History bachelor's level degree (a.y. 2021-2022).
- Fogliato S. – *Per una guida della selva lungo i meandri fluviali. Il caso di studio del Brenta e Bacchiglione a Padova*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2021-2022).
- Destro C. – *Evoluzione storica delle aree umide e boschive nelle ville della Bassa Padovana*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2021-2022).
- Carnio I. – *I mulini nella bassa pianura fra Treviso, Padova e Venezia. Un approccio geostorico per la conservazione e la valorizzazione dei manufatti molitori*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2021-2022).
- Schiavon S. – *I mulini e gli opifici idraulici nel medio Padovano. Un approccio geostorico per la valorizzazione dei siti*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2021-2022).
- Rizzato A. – *I boschi vicentini come rifugio durante la Seconda Guerra Mondiale*. History bachelor's level degree (a.y. 2021-2022).
- Zattin F. – *Mulini in Veneto: un'analisi geostorica dai Colli Euganei a Chioggia*. History bachelor's level degree (a.y. 2021-2022).
- Dagai F. – *La repeat photography nel turismo culturale e ambientale: il caso di studio della Val Pettorina e dell'alta Val Cordevole*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2020-2021).
- Carraro E. – *Un HGIS per la Valle del Fèrsina e la tipologia abitativa del maso mòcheno*. History bachelor's level degree (a.y. 2020-2021).
- Mora L. – *L'evoluzione urbana della città di Legnago (Verona) dal 1845 ad oggi. Analisi diacronica della cartografia storica*. History bachelor's level degree (a.y. 2018-2019).
- Signorini J. – *La marcia del Generale Sherman attraverso le contee di Orangeburg e Lexington in South Carolina*. Analisi GIS di cartografia storica e documenti storici. Archaeology bachelor's level degree (a.y. 2018-2019).
- Boscolo Bariga E. – *Cartografia del Cadore: Itinerari della Prima Guerra Mondiale sul Lavaredo*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2018-2019).
- Veneri M. – *Analisi geo-storica di Monteforte D'Alpone per un turismo culturale*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2018-2019).
- Aggio S. – *Il percorso delle acque nel 1951: le memorie dei sopravvissuti*. History bachelor's level degree (a.y. 2016-2017).
- Marinello A. – *Turismo per tutti: approccio GIS per un'informazione accessibile e inclusiva nel centro storico di Verona*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2016-2017).
- Tosello L. – *Le Carte Geografiche del Caffè Pedrocchi: una Geografia nella Storia*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2016-2017).
- Maugeri E. – *Il Generale Sherman nelle aree umide del South Carolina: GIS e Turismo Culturale*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2015-2016).
- Benolich V. – *Le aree umide del medio padovano: censimento e prima analisi*. Geography of Territorial Processes bachelor's level degree (a.y. 2015-16).
- Bressan A. – *Landmark geo-storici e cultura GIS per la promozione turistica della Riviera del Brenta*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2015-2016).

- Zandonà G. – *Le aree umide della Bassa padovana: censimento e prima analisi*. Geography of Territorial Processes bachelor's level degree (a.y. 2014-2015).
- Bassan F. – *Evoluzione geostorica del Canale Mordini (Vicenza) e del suo territorio*. Geography of Territorial Processes bachelor's level degree (a.y. 2013-2014).
- Ferrari T. – *Studio delle aree umide nella bassa pianura dell'Adige e prospettive per un turismo culturale*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2013-2014).
- Tosato F. – *Geostoria del canale Bisatto: origine, evoluzione e prospettive per un turismo culturale*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2012-13).
- Fontana E. – *La proprietà della Veneranda Arca del Santo ad Anguillara Veneta: i segni della storia come tracciato per un turismo sostenibile*. Design and Management of Cultural Tourism bachelor's level degree (a.y. 2012-13).
- Betto F. – *Storia ed evoluzione del ciclo idrico integrato analisi del territorio gestito da un'azienda dell'alta padovana*. Geography of Territorial Processes bachelor's level degree (a.y. 2012-13).
- Bittante E. – *Recupero e Valorizzazione di un archivio aerofotografico tramite analisi GIS. Un caso di studio del basso Polesine*. Geography of Territorial Processes bachelor's level degree (a.y. 2012-13).
- Marini A. – *La gestione idraulica nel Basso Polesine: il caso di studio delle Botti Barbarighe*. Geography of Territorial Processes bachelor's level degree (a.y. 2012-13).
- Bosco D. – *I confini di Pettorazza tra Padovano, Polesine e Dogado: analisi geografica e storica*. Geography of Territorial Processes bachelor's level degree (a.y. 2011-12).
- Romanini A. – *L'Adigetto: analisi dello stato dell'arte sulla sua origine ed evoluzione tra i successi delle acque in Polesine*. Geography of Territorial Processes bachelor's level degree (a.y. 2010-11).

PROFESSIONAL MASTER

- Arrò L. – *Per un'analisi GIS delle aree verdi nelle Ville Venete - da eccellenze architettoniche ed infrastrutture agrarie a rete di biodiversità*. 2nd Level Master in GIScience and Unmanned System for the integrated management of the territory and the natural resources - with majors (a.y. 2022-23).
- Canfailla L. – *Per un'analisi GIS delle aree verdi nelle Ville Venete*. 2nd Level Master in GIScience and Unmanned System for the integrated management of the territory and the natural resources - with majors (a.y. 2022-23).
- Bresciani I. – *Dall'Atlante del Mills ai mulini in Sud Carolina. Analisi di alcuni distretti*. 2nd Level Master in GIScience and Unmanned System for the integrated management of the territory and the natural resources - with majors (a.y. 2021-22).
- Bettin F. – *La cartografia murale scolastica*. 2nd Level Master in GIScience and Unmanned System for the integrated management of the territory and the natural resources - with majors (a.y. 2020-21).
- Piccioni M. – *Analisi diacronica delle trasformazioni urbane del centro storico di Ascoli Piceno attraverso l'utilizzo della cartografia storica*. 2nd Level Master in GIScience and Unmanned System for the integrated management of the territory and the natural resources - with majors (a.y. 2019-20).
- Filippini M. – *Censimento e analisi storica delle aree umide della provincia di Padova*. 2nd Level Master in GIScience and Unmanned System for the integrated management of the territory and the natural resources - with majors (a.y. 2017-18).

SERVICE

Professional

COMMISSIONS, RESEARCH NETWORKS AND DIDACTICS

- Member of the Center of Big Data for Coasts, DBAR International Center for Excellence (Chair: Prof. Susan Wang, University of South Carolina) since 2018.
- Member of the History of Cartography Commission (ICA - International Cartographic Association) since 2017.
- Member of the Steering Committee e Coordinator of the “European Seminar on the Geography of Water” – Lifelong Learning Program for the University of Padova from 2010 to 2014.

SCIENTIFIC COMMITTEE/ORGANIZATION OF CONFERENCES

- Member of the Scientific Committee of the 7th Edition (online) International Conference “Challenges and opportunities in the conservation, promotion and adaptive reuse of the industrial heritage”, 25-26 September 2025, Bucharest (Romania).
- Member of the Local Organizing Committee of the 30th International Cartographic Conference, Florence, 14-18 December 2021.
- Member of the Scientific Committee of the XXXIII Congresso Geografico Italiano 2021 “Geografie in movimento/Moving Geographies” (Nodo 5: Strumenti, tecnologie, dati: GIS, luoghi, sensori, attori), Padova, 8-12 settembre 2021.
- Member of the Organization Committee of the 13th International Conference on Military Geosciences “Peace Follow War: Geosciences, Territorial Impacts and Post-Conflict Reconstruction”, 24th-28th June 2019, Padova (Italy).
- Member of the Scientific Committee of the Giornate della Geografia “Walk the Talk!” (Università degli Studi di Padova, Padova, 13-15 settembre 2018).

CHAIR

- Chair of the session IV at the 18th International Cartographic Association Conference on Digital Approaches to Cartographic Heritage, Bologna, 23-25 October 2025.
- Chair of the session “Use, User and Usability” at the 30th International Cartographic Conference, Florence, 14-18 December 2021.
- Chair at the 13th International Conference on Military Geosciences “Peace Follow War: Geosciences, Territorial Impacts and Post-Conflict Reconstruction”, 24th-28th June 2019, Padova (Italy).
- Chair of the Session “Cartographic Visualization Part 4” at the 7th International Conference on Cartography & GIS. Sozopol, Bulgaria: 18-23 June 2018.

INTERNATIONAL AGREEMENTS

- Responsible of the agreement (letter of intent) between the DiSSGeA, the South Carolina Battleground Preservation Trust, Inc. and the association “Friends of Honey Hill” (2022).
- Responsible of the agreement (letter of commitment) between the DiSSGeA and the Center for Digital Humanities - University of South Carolina (2018).

OTHER

- Member of the Award Jury for the 39th Edition of the “Premio Brunacci per la Storia Veneta”.
- Member of the *Geoadria* Editorial Board: 2024-present.
- Member of the *KN - Journal of Cartography and Geographic Information* Editorial Board: 2019-present.

Reviewer for the journals

- *KN - Journal of Cartography and Geographic Information*
- *Geotema*
- *A Journal of Quantitative and Interdisciplinary History*
- *Remote Sensing*
- *Water*
- *Land*
- *ISPRS – International Journal of Geo-Information*
- *Glocalism – Journal of Culture, Politics and Innovation*
- *Journal of Palaeolimnology*

Scientific and organization responsibilities at the University of Padova

- 2023-present: Vice-President of the Local Development Master Degree Program.
- 2023-present: Member of the GAV (Gruppo per l’Accreditamento e la Valutazione) of the Local Development Master Degree Program.
- 2019-present: Scientific responsible of the GIS Laboratory of DiSSGeA (Padova).
- 2017-present: Responsible for the Erasmus fluxes to Lisbona and Salamanca for the DiSSGeA.
- 2015-present: Member, Collegium in the Doctorate Program in Historical, Geographical and Anthropological Studies.
- 2015-present: Member, Steering Committee of the Second Level Master Degree in GIScience and Unmanned System for the integrated management of the territory and the natural resources.
- 2013-2014: Vice-Coordinator of the Doctorate Curriculum in Human and Physical Geography (High School in Historical, Geographical and Anthropological Studies).

Member in departmental commission at DiSSGeA:

- 2016-present: Member of the Spaces and Infrastructure Committee for the DiSSGeA.
- 2016-present: Member of the Internationalization Committee for the DiSSGeA.

Public (Third Mission)

Piovan S.E., Mora L. – “I fiumi e la pianura alluvionale in Veneto”, CAI di Cittadella, 5 November 2025, Cittadella.

Piovan S.E., Mora L. – “L’Adige e la bassa pianura veneta: uno sguardo geostorico”, CAI di Cittadella, 5 November 2025, Cittadella.

Piovan S.E. – “Fiumi e pianure alluvionali nel mondo”, AUSER – Università Popolare dell’età libera e per l’educazione permanente dei comuni dell’Asolano, 3 December 2024, Centro Polivalente “La Roggia”, San Zenone degli Ezzelini (Treviso).

Piovan S.E. – “Paleoidrografia nella pianura fra Rovigo e Adria”, Convegno “Centuriazione romana di Villadose quarantennale della scoperta”, 14 September 2024, Sala civica Europa, Villadose (Rovigo).

Piovan S.E. – “Da Megliadino San Vitale al Kentucky e ritorno” (online), Incontro pubblico Associazione “Il Ponte – Festa della donna. Voci di donne. Ieri- oggi-domani tra tradizioni e attualità”, 8 March 2024, Sala Polivalente, Megliadino San Vitale (Padova).

Mora L., Piovan S.E. – “Progetto sull’analisi di rischio bellico nelle aree della Pianura Veneta e dell’Altopiano di Asiago”, Associazione Athesia, 25 November 2023, Sala Polivalente di Castelbaldo (Padova).

Piovan S.E. – “L’alluvione militare programmata del 1918 in Bassa Padovana”, Associazione Athesia, 22 July 2023, Sala Polivalente di Castelbaldo (Padova).

Piovan S.E. – Presentazione del volume “Quante Padove?”, 16 giugno 2023, Museo di geografia, Padova.

Piovan S.E., Filippini M., Maurina L., Hodgson M.E. – *A Geohistorical Approach to the American Civil War: from South Carolina to Honey Hill*. 3 May 2022, Morris Center for the Lowcountry, Ridgeland (SC) [invited].

Piovan S.E. – *Gen. Sherman and the Environment in South Carolina: the Pilot Project*. 5 April 2022, The Friends of Honey Hill Association (online) [invited].

Filippini M., Piovan S.E., Maurina L., Hodgson M.E. – The role of historical cartography in GIS in the project. 5 April 2022, The Friends of Honey Hill Association (online) [invited].

Maurina L., Piovan S.E., Filippini M., Hodgson M.E. – Forests as protagonist in the American Civil War. 5 April 2022, The Friends of Honey Hill Association (online) [invited].

Piovan S.E. – *Il ruolo dell’ambiente nella Guerra Civile Americana: casi studio dal South Carolina*. I Seminari di Ars Militaris – UniPD. 13 Dicembre 2021 (online) [invited].

Piovan S.E. – *Padova e la sua idrografia*. Fondo Ambiente Italiano (FAI). 20 Dicembre 2021 (online) [invited].

Piovan S.E. – *L’alluvione programmata nella bassa pianura veneta durante la Prima Guerra Mondiale*. Annotazioni a margine del Prof. Ugo Mattana. 20 Giugno 2019. Museo della Terza Armata, Padova (Italia).

Piovan S. – *I fiumi, le alluvioni e l’uomo in Bassa Padovana e Polesine*. Incontro culturale “Terra e Acqua” in collaboration with the Progetto Culturalmente 2015 (Fondazione Ca.Ri.Pa.Ro.), organized by Teatro della Gran Guardia, 2 Luglio 2016, Adria (Italia) [invited].

Piovan S. – *Studio geoambientale e geostorico del nostro territorio*. Incontro culturale “Tre serate storiche sul territorio di Cona” in collaboration with the Protezione Civile di Cona, 23 Giugno 2016, Cona (Italia) [invited].

Piovan S. – *L’Adige a Pettorazza: discorsi su un meandro tra geomorfologia e geostoria*. Incontro Culturale dell’Associazione Culturale Pettorazza Storica e dell’Associazione di Promozione Sociale Beer Banti, in collaboration with the Comune di Pettorazza Grimani, 12 Settembre 2014, Pettorazza Grimani (Italia) [invited].

Piovan S. – *L’Adige: il grande fiume che collega le montagne dell’Alto Adige all’Adriatico*. Ciclo di Seminari “I grandi fiumi del nord est”, 19 Marzo 2013, Mirano (Italia) [invited].

Cultural and Academic Associations

INTERNATIONAL

American Association of Geographers (AAG) (2015-2019)

International Cartographic Association (ICA) (2013-present)

International Union for Quaternary Research (INQUA) (2007-2010)

NATIONAL

Associazione Italiana di Cartografia (AIC) (2011-present)

Associazione Geografi Italiani (AGel) (2017-present)

Associazione Italiana per lo studio del Quaternario (AIQUA) (2011)

LOCAL

Centro Ricerche Ambientali Athesia (2018-present)

Il Ponte ONLUS

PUBLICATIONS

Books

Piovan S.E. (2020). *The Geohistorical Approach: Methods and Applications*. Springer Nature. ISBN 978-3-030-42439-8.

Edited Books

Piovan S.E., Luchetta S., Mora L. (2024) (eds.). *Padova. Guida alla selva*, Nero Editore, Roma. ISBN 9788880562788

Piovan S.E. (2022) (eds.). *Athesia*, vol.1, Cierre Edizioni, Verona. ISBN 978-88-5520-159-9.

De Marchi M., Piovan S., Pappalardo S.E. (2023) (eds.). *Strumenti, tecnologie, dati, GIS, luoghi, sensori, attori. GEOGRAFIE IN MOVIMENTO*. Volume Quinto. Proceeding of the XXXIII Congresso Geografico Italiano (Padova 8-13 settembre 2021). Cleup, Padova. ISBN 9788854955967

Articles

Piovan S.E. (in press). Il primo congresso geografico a distanza. *Bollettino Società Geografica Italiana*.

Piovan, S.E., Hodgson, M.E., Mozzi, P., Porter, D., and Hall, B. (2023). LiDAR-Change Based Mapping of Sediment Movement from an Extreme Rainfall Event. *GIScience and Remote Sensing*, 60 (1). <https://doi.org/10.1080/15481603.2023.2227394>

Piovan S.E., Mora L. (2022). L'ex-ferrovia Ostiglia-Treviso: analisi di una foresta e *greenway* sui binari. *Bollettino Società Geografica Italiana*. Bollettino della Società Geografica Italiana, serie 14, 5(1): 81-100. doi: 10.36253/bsgi-1623

Sang Kun, Fontana G.L., Piovan S.E. (2022). Assessing railway landscape by AHP process with GIS: a study of the Yunnan-Vietnam Railway. *Remote sensing*, 14(3), 603.

Hodgson M.E., Piovan S.E. (2021). An Indoor Landscape for Instruction of 3-D Aerial Drone Imagery. *Journal of Geography in Higher Education*. <https://doi.org/10.1080/03098265.2021.1900084>

Sang K., Piovan S., Fontana, G.L. (2021). A WebGIS for Visualizing Historical Activities Based on Photos: The Project of Yunnan–Vietnam Railway Web Map. *Sustainability*, 13(1), 419.

Mozzi P., Piovan S., Corrà E. (2020). Long-Term drivers and impacts of abrupt river changes in managed lowlands of the Adige River and northern Po Delta. *Quaternary International*, 538, pp. 80-93. DOI: <https://doi.org/10.1016/j.quaint.2018.10.024>.

Piovan S.E., Filippini M., Hodgson M.E. (2020). Loss of Wetlands in the Southern Venetian Plain: a Geo-Historical Perspective. *Bollettino dell'Associazione Italiana di Cartografia* (168), 29-48. DOI: 10.13137/2282-572X/30963.

- Larcher V., Piovan S.E. (2018). Border Regions Maps as Nationalistic Propaganda Workshops in School Historical Atlases: the Case of South Tyrol. *Rivista Geografica Italiana*, 125(4), pp. 483-506.
- Larcher V., Piovan S. (2018). The Use of Colors in Historical Atlases. *Cartographica*, 53(2), pp. 115-128.
- Xu H., Hodgson M.E., Piovan S.E., Tufford D.L. (2018). The potential of using LiDAR and color-infrared aerial imagery for palustrine wetland typology and change. *GIScience & Remote Sensing*, 55, pp. 477-501. DOI: 10.1080/15481603.2017.1412145.
- Mozzi P., Ferrarese F., Zangrando D., Piovan S., Mariolina G., Vigoni A., Sainati C., Fontana A., Ninfo A., Rossato S., Veronese F. (2018). The Modeling of Archaeological and Geomorphic Surfaces in a Multi-Stratified Urban Site in Padua, Italy. *Geoarchaeology*, 33(1), pp. 67-84. DOI: 10.1002/gea.21641
- Piovan S.E., Maugeri E., Hodgson M.E., Luconi S. (2017). I percorsi delle armate del Generale Sherman attraverso le aree umide del South Carolina. *Bollettino dell'Associazione Italiana di Cartografia*, 159, 93-107. DOI: 10.13137/2282-572X/21315.
- Piovan S.E., Hodgson M.E. (2016). How Many Carolina bays? An analysis of Carolina bays from USGS topographic maps at different scales. *Cartography and Geographical Information Science*, 44(4), 310-326. DOI:10.1080/15230406.2016.1162670.
- Piovan S. (2013). La 26th International Cartographic Conference, Dresden, 25-30 Agosto 2013. "From Pole to Pole". *Bollettino AIC*, 148, pp. 109-111.
- Piovan S. (2012). La mappa del Valle (1801) come strumento d'indagine dell'evoluzione idrografica nella pianura veneta centro-meridionale. *Bollettino AIC "La cartografia nella tutela e valorizzazione dei beni naturali e culturali"*, 144-145-146, pp. 95-106.
- Piovan S., Mozzi P., Zecchin M. (2012). The interplay between adjacent Adige and Po alluvial systems and deltas in the late Holocene (Northern Italy). *Géomorphologie: relief, processus, environnement*, 4, pp. 427-440.
- Rocca L., Michieletto B., Ziliotto S., Piovan S. (2011). Il Dipartimento di Geografia come aula didattica. *Ambiente Società Territorio*, vol. 2, pp. 31-34.
- Mozzi P., Piovan S., Rossato S., Cucato M., Abbà T., Fontana A. (2010). Palaeohydrography and early settlements in Padua (Italy). *Il Quaternario*, vol. 2bis, pp. 409-422.
- Piovan S., Mozzi P. (2010). Holocene stratigraphy of the south Venetian Plain: new insight data and correlation. *Rendiconti Online della Società Geologica Italiana*, vol. 11, p. 188.
- Piovan S., Mozzi P., Stefani C. (2010). Bronze Age palaeohydrography of the southern Venetian Plain. *Geoarchaeology*, vol. 25, n.1, pp. 6-35.
- Miola A., Bondesan A., Corain L., Favaretto S., Mozzi P., Piovan S., Sostizzo I. (2006). Wetlands in the Venetian Po Plain (northeastern Italy) during the Last Glacial Maximum: Interplay between vegetation, hydrology and sedimentary environment. *Review of Palaeobotany and Palynology*, vol. 141, 1-2, pp. 53-81.

Chapters

- Mora L., Piovan S.E., Ferrarese F., Petriccione M., Hodgson M.E., Bondesan A. (in press). Mapping the Marks of War: A Historical GIS Approach to digitalize WWI Military Cartography of the Sette Comuni di Asiago area (Vicenza, ITALY). Proceedings of the ASITA 2024, Springer.
- Piovan S.E. (2024). Guida alla selva padovana. In Piovan S.E. & Luchetta S. (eds.) *Guida alla selva di Padova*, Nero Editore, Roma.
- Piovan S.E. (2024). Microselve urbane inaspettate. In Piovan S.E. & Luchetta S. (eds.) *Guida alla selva di Padova*, Nero Editore, Roma. Guida alla selva di Padova, Nero Editore, Roma.
- Filippini M., Piovan S.E. (2024). Uno sguardo al verde passato. In Piovan S.E. & Luchetta S. (eds.) *Guida alla selva di Padova*, Nero Editore, Roma. Guida alla selva di Padova, Nero Editore, Roma.

- Arrò L., Canfailla L., Destro C., Piovan S.E. (2024). Ville venete e selve padovane. In Piovan S.E. & Luchetta S. (eds.) *Guida alla selva di Padova*, Nero Editore, Roma. Guida alla selva di Padova, Nero Editore, Roma.
- Fogliato S., Piovan S.E. (2024). Meandri fluviali generatori di selve In Piovan S.E. & Luchetta S. (eds.) *Guida alla selva di Padova*, Nero Editore, Roma. Guida alla selva di Padova, Nero Editore, Roma.
- Maurina L., Piovan S.E. (2023). Per una cartografia dei quartieri. In A. Pase e P. Giaretta (eds.) *Quante Padove? Un viaggio nello spazio e nel tempo tra i quartieri di Padova*, Padova, Edizioni Bette.
- Maurina L., Piovan S.E. (2022). Padova a Ovest. In Pase A., Giaretta P. (eds.). *Quante Padove?* Edizioni Bette.
- Codato D., Piovan S.E., Trivelloni U., Brentan D., Piccolo D., Pappalardo S.E., De Zorzi S., Li Z., Hodgson M.E., De Marchi M. (2022). Il Veneto tra dati pandemici, immagini satellitari e social media nell'analisi del contagio e del lockdown. In Casti E., Riggio A. (eds.) *Atlante Covid-19. Geografie del contagio in Italia*. Casa editrice A.Ge.I., Roma, pp. 103-120.
- Piovan S.E. (2022). Introduzione. In Piovan S.E. (eds.) *Athesia vol. 1*, Cierre Edizioni, Verona, pp. 5-8.
- David W., Baldassi F., Piovan S.E., Hubervic A., Le Corre E. (2021). Combining Epidemiological and Constructive Simulations for Robotics and Autonomous Systems Supporting Logistic Supply in Infectious Diseases Affected Areas. In Mazal J., Fagiolini A., Vasik P., Turi M. (eds.) *Modelling and Simulation for Autonomous Systems. MESAS 2020. Lecture Notes in Computer Science*, vol. 12619. Springer, Cham. https://doi.org/10.1007/978-3-030-70740-8_6.
- Corrò E., Piovan S., Primon S., Mozzi P. (2021). Dinamiche fluviali e condizionamenti insediativi nel paesaggio di pianura tra la Laguna di Venezia e il fiume Po. In Corrò E. & Vinci G. (eds.) *Palinsesti programmati nell'Alto Adriatico? Decifrare, conservare, pianificare e comunicare il paesaggio*. Atti della giornata di studi, Venezia (18 Aprile 2019), pp. 73-108.
- Piovan S. (2019). Historical Maps in GIS. In *The Geographic Information Science & Technology Body of Knowledge* (1st Quarter 2019 Edition) - ISSN: 2577-2848; DOI:10.22224/gistbok/2019.1.4.
- Piovan S., Mozzi P. (2019). Geologia e geomorfologia. In Direzione Tecnica - Servizio Centro Veneto Suolo e Bonifiche (eds.) *Carta dei Suoli della Provincia di Rovigo*, Agenzia Regionale per la Prevenzione e Protezione Ambientale del Veneto, pp. 18-20.
- Hodgson M.E., Davis B.A., Accardo D., Xu H., Beidel K., Piovan S.E. (2015). Application of Mobile Data Capture with Imagery Support, Time Sensitive Remote Sensing. In Lippitt C. and Stow D. (eds.) *Time-Sensitive Remote Sensing*. Springer-Verlag, pp. 55-75.
- Horrnann B., Piovan S., Vergara M. N. (2015). Die Lagune von Venedig – Veränderungen von Landschaften und deren historische Ursachen. In Barnikel F. & Vetter M. (eds.) *Dierke. Ressource Wasser. Methoden und Aufgaben*. Westermann, Braunschweig, pp. 70-75.
- Piovan S. (2014). L'Adige nella seconda guerra mondiale. In Selmin F. (eds.) *Atlante Storico della Bassa padovana. Il primo Novecento*. Cierre Grafica, Verona, pp. 221-230.
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- Piovan S., Selmin F. (2014). Nella Grande Guerra. In Selmin F. (eds.) *Atlante Storico della Bassa padovana. Il primo Novecento*. Cierre Grafica, Verona, pp. 109-126.
- Piovan S.E. (2014). Anguillara e la Bassa padovana, l'assetto geomorfologico ed idraulico del territorio. In: Franceschi S. & Lazzari A. (eds.) *I cippi di confine della Veneranda Arca del Santo di Anguillara Veneta. Atti delle giornate di studio, Anguillara Veneta 10-11 Ottobre 2013*. Alberto Brigo Editore, Rovigo, pp. 17-20.
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- Piovan S., Mozzi P. (2013). Lungo i dossi fluviali, dentro la pianura. In: Peretto R. & Bedetti S. (eds.) *Trasparenze di Paesaggi. Atlante aerofotografico del Polesine*. Tipografia Arte Stampa, Urbana (Padova), pp. 90-91.
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- Marchi M., Pappalardo S.E., Piovan S. (2023). Introduzione. In De Marchi M., Piovan S., Pappalardo S.E. (2023) (eds.). *Strumenti, tecnologie, dati, GIS, luoghi, sensori, attori. GEOGRAFIE IN MOVIMENTO*. Volume Quinto. Proceeding of the XXXIII Congresso Geografico Italiano (Padova 8-13 settembre 2021). Cleup, Padova.
- Sang K., Lin G., Piovan S.E. (2021). A Geo-Historical Database for the Historical Photos of Yunnan-Vietnam Railway in China. *Proceeding of the 6th International Conference on Intelligent Information Technology, Singapore, 17-19 December 2021*, 88-92, <https://doi.org/10.1145/3460179.3460193>
- David W., King-Okoye M., Capone A., Sensidoni G., Piovan S.E. (2021). Harvesting social media with artificial intelligence for medical threats mapping and analytics. *Proceedings of the 29th International Cartographic Conference, Tokyo, 15-20 July 2019. Proc. Int. Cartogr. Assoc.*, vol. 4, 1-8, DOI:10.5194/ica-proc-4-24-2021.
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