

SILVIA PIOVAN

Present Position and Activities

Researcher and Lecturer in Geography (MGGR01 - Scientific-Disciplinary Area 13 "Historical Sciences, Philosophy and Pedagogy" Macroarea of Human and Social Sciences) at the Department of Historical Geographical and Antiquity Sciences, University of Padova (Italy).

Aggregate Professor of "Cartography and GIS" for the Bachelor's Degree Program in History.

Instructor of "GIS for Local Development" for the Master's Degree Program in Local Development.

Instructor of "History of Cartography and Use of Historical Maps in Geohistorical Reconstructions" for the Second Level Master Degree in GIScience and Unmanned System for the Integrated Management of the Territory and the Natural Resources.

Instructor of "GIS" for the Doctorate Program in Historical, Geographical and Anthropological Studies.

Visiting Affiliate Professor at the University of South Carolina (2017-2019).

Visiting Associate Professor at the University of South Carolina (February-May 2018, February-May 2017, August-September 2016, February-May 2016, August-September 2015, February-May 2015).

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.

Reviewer for *Journal of Palaeolimnology*.

Reviewer for *A Journal of Quantitative and Interdisciplinary History*.

Citizenship

Italy

Address

Department of Historical and Geographic Sciences and the Ancient World – DiSSGeA
Geography Section, via Del Santo 26 - 35123 Padova – Italy

Contacts

Phone

+39-049-8274074 (work)

+39-049-8274099 (fax)

Email

silvia.piovan@unipd.it

Research Interests

Main research interests are:

- Geo-historical evolution and interactions between hydrography and human activities in the alluvial plain; with specific interests in man-environment relationships in the Adige and Po river systems in Italy (from the Bronze Age to the present-day), with particular attention to the evolution of

Southern Venetian Plain landscape over the last three millennia, the role of floods, changes in rivers and more generally, to the ecosystem services provided by the Adige and Po water courses.

- The role of wetlands in South Carolina in relation to the military events of the American Civil War, the development and decline of water powered mills and mill ponds.
- Historical cartography and geographical information sciences.
- Paleogeographic reconstructions.
- Stratigraphic architecture and geomorphology of alluvial plains.

Education

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

Research Projects/Collaborations

Projects Funded by Extra-European Institutions

2016-2017: 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).

2015-2016: Project “Geospatial Wetlands Impacts & Mitigation Forecasting Models”, in collaboration with the University of South Carolina and the Department of Transportation of South Carolina (p.i.: Prof. M.E. Hodgson, University of South Carolina).

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

2015: 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). Funds by the Ca.Ri.Pa.Ro. Italian Foundation.

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 of National Interest (Progetti di Ricerca di Interesse Nazionale - PRIN)

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 the University of Padova (MIUR ex-60%)

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", University of Padova.

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: 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: 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 "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

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.

Teaching Experiences

"GIS for Local Development" course for the master's level degree in Local Development: 2017-present

"Historical Cartography" course for the History bachelor's level degree: 2016-present
 "History of Cartography and Use of Historical Maps in Geohistorical Reconstructions" for the Second Level Master Degree in GIScience and Unmanned System for the integrated management of the territory and the natural resources: 2016-present

"GIS" course for the Doctorate Program in Historical, Geographical and Anthropological Studies: 2015-present

"Local Development, Space Framing and GIS" course for the Local Development master's level degree: 2016-2017

"Cartography and GIS" course for the Design and Management of Cultural Tourism bachelor's level degree: 2013-2016

"Social Geography" course for the Educational Sciences bachelor's level degree: 2014-2015

- “European Seminar on the Geography of Water” Coordinator for the University of Padova: 2010-2014
- “Laboratory for Educational Teaching” for the teachers in Italian, History and Geography in Secondary School (First Level) (TFA A043): 2012-2013
- “Teaching of Geography and Geo-History for the teachers in Literary Education in Secondary School (Second Level) (TFA A050): 2012-2013
- “The Maps as a Tool for the Teaching” for the teachers in Geography in Secondary School (Second Level) (TFA A039): 2012-2013
- “Cartography” course for the Design and Management of Cultural Tourism bachelor’s level degree: 2011-2013
- “GIS Laboratory” course for the Geography of Territorial Processes bachelor’s level degree: 2010-2011
- “Laboratory of Applied Geography” course for the Geography of Territorial Processes bachelor’s level degree: 2010-2011
- “Introduction to Earth Sciences” (Tutor) for the Sciences and Technologies for the Environment bachelor’s level degree: 2008-2010
- “Physical Geography” (Tutor) for the Earth Science bachelor’s level degree: 2005-2010

Student Mentoring

PHD ADVISOR

- Sang K. (2018-present) – *Yunnan-Vietnam railway heritage corridor: construction and development*. High School in Historical, Geographical and Anthropological Studies, University of Padova.
- Larcher V. (2015-2017) – *South Tyrol maps in German and Italian School Historical Atlases as nationalistic cartographic ‘workshop’*. High 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*. Human and Physical Geography (High School in Historical, Geographical and Anthropological Studies), University of Padova.

BACHELOR ADVISOR

- Aggio S. – *Il percorso delle acque nel 1951: le memorie dei sopravvissuti*. Laurea in Storia (a.a. 2016-2017).
- Tosello L. – *Le Carte Geografiche del Caffè Pedrocchi: una Geografia nella Storia*. Laurea in Progettazione e Gestione del Turismo Culturale (a.a. 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.a. 2015-2016).
- Benolich V. – *Le aree umide del medio padovano: censimento e prima analisi*. Geography of Territorial Processes bachelor’s level degree (a.a. 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.a. 2015-2016).
- Zandonà G. – *Le aree umide della Bassa padovana: censimento e prima analisi*. Geography of Territorial Processes bachelor’s level degree (a.a. 2014-2015).
- Bassan F. – *Evoluzione geostorica del Canale Mordini (Vicenza) e del suo territorio*. Geography of Territorial Processes bachelor’s level degree (a.a. 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.a. 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.a. 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.a. 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.a. 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.a. 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.a. 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.a. 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.a. 2010-11).

Scientific and Cultural Associations

AAG (American Association of Geographers)
 ICA (International Cartographic Association) – Member of the History of Cartography Commission
 AGel (Associazione Geografi Italiani)
 AIC (Associazione Italiana di Cartografia)
 Athesia (Centro Ricerche Ambientali)

Service

University of Padova

- 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: 2015-present.
- Member, Spaces and Tools Committee, DiSSGeA: 2016-present
- Member, Internationalization Committee, DiSSGeA: 2016-present
- Vice-Coordinator of the Doctorate Curriculum in Human and Physical Geography (High School in Historical, Geographical and Anthropological Studies): 2013-2014.

Professional

- Chair, Session “Cartographic Visualization Part 4” at the 7th International Conference on Cartography & GIS. Sozopol, Bulgaria: 18-23 June 2018
- Reviewer for *Journal of Palaeolimnology*.
- Reviewer for *A Journal of Quantitative and Interdisciplinary History*.

Conferences (presenting author/s underlined)

ORAL PRESENTATIONS

- 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, June 18th-23rd, 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, June 18th-23rd 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, April 10th-14th, 2018, 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, April 10th-14th, 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)”, Ecosystem Services in European Floodplains, Padova, May 18, 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, April 5th-9th, 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, April 5th-9th, 2017, Boston (USA).
- Mozzi P., Piovan S., Corrò 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, September 26th-October 1st 2016, Padova (Italy).
- Piovan S.E., Hodgson M.E. – Giscience and Geospatial Intelligence, GIS Day 2016, University of Padova, Italy, November 16, 2016.
- Hodgson M.E., Piovan S.E. – Workshop: Working with LiDAR Data, GI-Forum 2016, University of Salzburg, Austria, July 6, 2016.
- 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, April 6 2016, Charleston, South Carolina.
- 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, March 29-April 2, 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, Annual Meetings of the AAG, San Francisco, April 31, 2016.
- 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, June 16, 2014, 5th International Cartographic and GIS Conference 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”, 25th-30th August 2013, Dresden (Germany).
- 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, 02 Settembre 2012, Villadose (Rovigo – Italy).
- Piovan S., Stefani C., Mozzi P. – Late Holocene 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 Febbraio 2012, Pisa (Italy).
- Mozzi P., Ferrarese F., Fontana A., Ninfo A., Piovan S., Rossato S. & Veronese F. – Palaeohydrography and urban evolution of Padua (Italy). 7° Forum Italiano di Scienze della Terra Geotalia, 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° 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, July 28th-August 3rd 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, 4th-7th 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 palaeo meander of Adige river near Pettorazza Grimani, north-eastern Italy. 5th International Postgraduate Symposium of Quaternary Research Association, August 29th-September 01st 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, July 4th-9th 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, 07th-12th August 2005, Delft (The Netherlands).

POSTERS

- Piovan S.E., Hodgson M.E. – How Many Carolina Bays? Geoinformatic Forum 2016, 5th-8th 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, 5th-8th 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, 21st-27th 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., 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, September 20th-23rd 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).

PARTICIPATIONS

- GIForum Symposium and Exhibit, 4th-7th 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”, 3rd-8th July 2011, Paris (France).

INQUA – SEQS Meeting “Quaternary Stratigraphy and Evolution of the Alpine Region in the European and Global Framework”, 11st-15th 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).

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

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

International Workshop on Non-Pollen palynomorphs, 16th-18th 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).

Intensive Programs, Fieldworks and Professional Meetings

ORAL PRESENTATIONS

Piovan S. – *I fiumi, le alluvioni e l'uomo in Bassa Padovana e Polesine*. Incontro culturale “Terra e Acqua” in collaborazione con il Progetto Culturalmente 2015 (Fondazione Ca.Ri.Pa.Ro.), organizzato dal Teatro della Gran Guardia, 2 Luglio 2016, Adria (Italy) [Invited].

Piovan S. – *Studio geoambientale e geostorico del nostro territorio*. Incontro culturale “Tre serate storiche sul territorio di Cona” in collaborazione con la Protezione Civile di Cona, 23 Giugno 2016, Cona (Italy) [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, March 06th 2015, Columbia – SC (USA) [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 collaborazione con il Comune di Pettorazza Grimani, 12 Settembre 2014, Pettorazza Grimani (Italy) [Invited].

Piovan S. – *Geo-historical approach for the study of rural landscapes in the Southern Venetian Plain*. Colloquium presentation at the Department of Geoinformatics and Geography of University of Salzburg, March 27th 2014, Salzburg (Austria) [Invited].

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

Piovan S. – *The evolution of the man-water relationship in the Adige River alluvial plain in the late Holocene: A Geo-historical Approach*. Colloquium presentation at the Department of Geography of University of South Carolina, February 17th 2014, Columbia – SC (USA) [Invited].

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, 7th-18th July 2013, Zadar (Croatia).

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 (Italy) [Invited].

Piovan S. – *Late Holocene palaeohydrography in central and southern Venetian Plain*. 15th European Seminar on the Geography of Water, 15th-26th July 2012, Munich and Upper Bavaria (Germany).

Piovan S. – *Case studies from Late Holocene Man-Environment relationship in Adige-Po plain (ITALY)*. 14th European Seminar on the Geography of Water, 26th June-06th July 2011, Cagliari (Italy).

Piovan S. – *Palaeohydrography of Late Holocene Adige-Po plain (ITALY)*. 13th European Seminar on Geography of Water, 4th-15th July, 2010 “Community Scale Water Management patterns in Transylvania” Cluj-Napoca (Romania).

POSTERS

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, 18th-28th 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, August 20th -29th 2004, Pecs (Hungary).

PARTICIPATIONS

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

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

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

Publications (abstract not included)

- MOZZI P., PIOVAN S., CORRÒ E. (accepted). Long-Term drivers and impacts of abrupt river changes in managed lowlands of the Adige River and northern Po Delta. *Quaternary International*.
- PIOVAN S.E., MAUGERI E., LUCONI S., HODGSON M.E. (in press). I percorsi delle armate del Generale Sherman attraverso le aree umide del South Carolina. *Bollettino dell'Associazione Italiana di Cartografia*.
- LARCHER V., PIOVAN S.E. (in press). Border Regions Maps as Nationalistic Propaganda Workshops in School Historical Atlases: the Case of South Tyrol. *Rivista Geografia Italiana*.
- LARCHER V., PIOVAN S. (in press). The Use of Colors in Historical Atlases. *Cartographica*.
- XU H., HODGSON M.E., PIOVAN S.E., TUFFORD D.L. (2017). The potential of using LiDAR and color-infrared aerial imagery for palustrine wetland typology and change. *GIScience & Remote Sensing*. 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. (2017). Modeling of Archaeological and Geomorphic Surfaces in a Multi-Stratified Urban Site in Padua, Italy. *Geoarchaeology*. DOI: 10.1002/gea.21641
- 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*. DOI:10.1080/15230406.2016.1162670
- 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, 55-75.
- HORRMANN 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). Bonifiche, alluvioni e lavori sui fiumi. In Selmin F. (ed.) *Atlante Storico della Bassa padovana. Il primo Novecento*. Cierre Grafica, Verona, pp. 17-33.
- PIOVAN S. (2014). L'Adige nella seconda guerra mondiale. In Selmin F. (ed.) *Atlante Storico della Bassa padovana. Il primo Novecento*. Cierre Grafica, Verona, pp. 221-230.
- PIOVAN S., SELMIN F. (2014). Nella Grande Guerra. In Selmin F. (ed.) *Atlante Storico della Bassa padovana. Il primo Novecento*. Cierre Grafica, Verona, pp. 109-126.
- HODGSON M.E., DAVIS B.A., ACCARDO D., XU H., BEIDEL K., PIOVAN S.E. (2014). A Real-Time Mobile Image Analysis Tool (MIAT) for Field and Command Staff during the Emergency Response Phase. In: Bandrova T., Milan Konecny M. (eds.) *Proceedings of the 5th International Cartographic and GIS Conference, Riviera (Bulgaria) June 15-20, 2014*, pp. 110-118.
- PIOVAN S., FAGGI P. (2014). The tradition of the European Seminar on Geography of Water in Padova: Experience in research and training. In Roose A. (ed.) *Progress in water geography – Pan-European discourses, methods and practices of spatial water research. Publicationes Instituti Geographici Universitatis Tartuensis 110*, Tartu Ulikool, pp. 15-20.
- 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.
- PIOVAN S. (2013). La Bassa padovana nella cartografia tra Sette e Ottocento. In Selmin F. (eds.) *Atlante storico della Bassa padovana. L'Ottocento*. Cierre Grafica, Verona, pp. 17-23.
- 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.
- PERETTO R., PIOVAN S. (2013). Le miglorie fondiari. In: Peretto R. & Bedetti S. (eds.) *Trasparenze di Paesaggi. Atlante aerofotografico del Polesine*. Tipografia Arte Stampa, Urbana (Padova), pp. 92-95.

- PERETTO R., PIOVAN S. (2013). I dossi fluviali. In: Peretto R. & Bedetti S. (eds.) *Trasparenze di Paesaggi. Atlante aerofotografico del Polesine*. Tipografia Arte Stampa, Urbana (Padova), pp. 22-23.
- PIOVAN S. (2013). Examples of an interdisciplinary approach: case studies from late Holocene man-environment interaction in the Adige-Po Plain (Italy). In: Corsale A., Iorio M., Sistu G. (eds.) *Proceedings of the 14th European Seminar on Geography of Water "Environmental Conflicts and Sustainable Water Policies in the Mediterranean Region"*. CUEC Editrice, Cagliari, pp. 118-128.
- 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.
- CUCATO M., MOZZI P., PAIERO G., PIOVAN S. (2012). Subsintema di Padova: Unità di Conselve. In: Cucato M., De Vecchi Gp. Mozzi P., Abbà T., Paiero G., Sedeo R. (eds.) *Note illustrative della Carta Geologica d'Italia alla scala 1:50.000. Foglio 147 Padova Sud*. LTS Land Technology & Services, Padova e Treviso, pp. 120-132.
- PRIMON S., NINFO A., MOZZI P., PIOVAN S., ABBÀ T. (2012). Indagine geoarcheologica del territorio di Montegrotto Terme attraverso il telerilevamento. In: Bassani M., Bressan M., Ghedini F. (eds.) *Aquae Patavinae*, 26. Padova University Press, Padova, pp. 55-74.
- PIOVAN S., MOZZI P. (2011). Il ruolo della geologia e della geomorfologia nella definizione del paesaggio fisico della Valsana. In: Direzione Urbanistica e Paesaggio della Regione Veneto (eds.) *Esercizi di paesaggio*. Regione Veneto, Venezia, pp. 125-130.
- MIOIA A., MOZZI P., NICOSIA C., PIOVAN S., MARITAN M., GAUDIOSO B. (2011) L'area archeologica di via Neroniana. Inquadramento paleoambientale. In: Bassani M., Bressan M., Ghedini F. (eds.) *Aquae Patavinae*, 21. Il termalismo antico nel comprensorio euganeo e in Italia Padova University Press, Padova, pp. 65-88.
- MOZZI P., FONTANA A., PIOVAN S., ABBÀ T. (2011). Indagini Geomorfologiche lungo il tracciato della Via Annia. In: Veronese F. (eds.) *Via Annia II. Adria, Padova, Altino, Concordia, Aquileia. Progetto di recupero e valorizzazione di un'antica strada romana*. Il Poligrafo, Padova, pp. 71-90.
- ROCCA L., MICHIELETTO B., ZILLOTTO 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.
- MOZZI P., NINFO A., PIOVAN S. (2010). Nuove evidenze da telerilevamento a sud di Padova. In: Rosada G., Frassine M., Ghiotto A.R. (eds.) *...viam Anniam influentibus palustribus aquis eververatam... Tradizione, mito, storia e katastrophé di una strada romana*. Canova, Treviso, pp. 85-88.
- BONDESAN A., FONTANA A., MOZZI P., PIOVAN S., PRIMON S. (2010). La geomorfologia del territorio dell'Annia. In: Rosada G., Frassine M., Ghiotto A.R. (eds.) *...viam Anniam influentibus palustribus aquis eververatam... Tradizione, mito, storia e katastrophé di una strada romana*. Canova, Treviso, pp. 25-36.
- PIOVAN S., MOZZI P., STEFANI C. (2010). Bronze Age palaeohydrography of the southern Venetian Plain. *Geoarchaeology*, vol. 25, n.1, pp. 6-35.
- PIOVAN S. (2009). Unità di Pegolotte. Olocene medio. In: Bondesan a., Primon S., Bassan V., Vitturi A. (eds.) *Le Unità Geomorfologiche della Provincia di Venezia*. Cierre Grafica, Verona, pp. 136-137.
- PIOVAN S. (2008). Evoluzione paleoidrografica della pianura veneta meridionale e rapporto Uomo-Ambiente nell'Olocene. In: *Quaderni del Dottorato. Università degli Studi di Padova – Dipartimento di Geografia, Dottorato "Uomo e Ambiente"*, n. 2, Padova, pp. 41-62.

- PIOVAN S. (2008). XVII INQUA Congress "The Tropics: the engine of the Quaternary" e viaggio attraverso il continente australiano. In: *Quaderni del Dottorato. Università degli Studi di Padova – Dipartimento di Geografia, Dottorato "Uomo e Ambiente"*, n. 2, Padova, pp. 174-177.
- CIBIEN L., PIOVAN S. (2008). Partecipazione dei geografi fisici del Dipartimento al Sesto Forum Italiano di Scienze della Terra (FIST 2007), Rimini 12-14 settembre 2007. In: *Quaderni del Dottorato. Università degli Studi di Padova – Dipartimento di Geografia, Dottorato "Uomo e Ambiente"*, n. 2, Padova, pp. 183-184.
- PIOVAN S. (2007). Studio paleogeografico presso Pettorazza Grimani (Rovigo). In: *Quaderni del Dottorato. Università degli Studi di Padova – Dipartimento di Geografia, Dottorato "Uomo e Ambiente"*, n. 1, Padova, pp. 71-78.
- PIOVAN S., NINFO A., FAVARETTO S., SOSTIZZO I. (2007). Ricerche multidisciplinari in corso presso il sito archeologico delle Terme Neroniane, Montegrotto Terme (PD): metodologie di indagine dei dottorandi del Dipartimento di Geografia. In: *Quaderni del Dottorato. Università degli Studi di Padova – Dipartimento di Geografia, Dottorato "Uomo e Ambiente"*, n. 1, Padova, pp. 91-97.
- PIOVAN S. (2007). 5th QRA International Postgraduate Symposium 2006. In: *Quaderni del Dottorato. Università degli Studi di Padova – Dipartimento di Geografia, Dottorato "Uomo e Ambiente"*, n.1, Padova, pp. 161-163.
- PIOVAN S., PERETTO R., MOZZI P. (2006). Palaeohydrography and ancient settlements in the Adige river plain, between Rovigo and Adria (Italy). In: Campana S. & Forte M. (eds.) *Proceedings of the 2nd International Conference on Remote Sensing in Archaeology "From Space To Place"*. British Archaeological Report Series 1568, pp. 311-317.
- NINFO A., PIOVAN S. (2006). Methodologies in a geomorphological approach: examples from the Venetian Po Plain. In Roose A. (eds.) *Proceedings of the 10th European Seminar on Geography of Water "Managing Drought and Water Scarcity in Vulnerable Environments"*. *Publicationes Instituti Geographici Universitatis Tartuensis 101*, Tartu Ulikool, pp. 161-168.
- MIOIA 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. *Rewiew of Palaeobotany and Palynology*, vol. 141, 1-2, pp. 53-81.