

Pablo Rodríguez Lozano - CV

Spanish nationality – Born on Oct 1987

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I develop my research in intermittent streams and rivers. Although temporary rivers are present in all climate areas, accounting approximately for one half of the global river network, most river research have focused on perennial waters, and thus, the current paradigms in river science and management have emerged and developed from and for permanent rivers. My research aims of increasing and improving our ecological knowledge of temporary rivers. In this context, I have worked in several interrelated topics: food web ecology, macroinvertebrate community ecology, fish ecology, ecosystem functioning, terrestrial-aquatic fluxes, fire ecology... My postdoctoral research project focuses on the ecology and conservation of freshwater fish in temporary rivers.

Great part of my research has focused on the extinction of the ecological role of keystone species, i.e. the loss of relationships due to the extinction of irreplaceable species and its consequences for ecosystem functioning. Consequently, I am also interested in species reintroduction, ecological replacement, and rewilding discourses.

In a broader perspective as Environmental Scientist, I read ecosystems as socio-ecological complexities, and thus, I am interested in several topics in the frontier of nature, society, and culture. I am looking for expanding my research to the fields of Environmental Ethics and Animal Ethics, with an especial emphasis in the social perceptions of nature.

Professional experience

- Oct 2016 – Currently **Postdoctoral Researcher.** Department of Environmental Science, Policy, and Management. University of California, Berkeley. Berkeley, U.S.A.
- Feb 2016 – Jul 2016 **Research Assistant.** Freshwater Ecology and Management Research Group. Universitat de Barcelona. Barcelona, Spain.
- Apr 2015 – Sep 2015 **Research Assistant.** LIFE TRivers project. Department of Ecology. Universitat de Barcelona. Barcelona, Spain.
- Dec 2010 – Dec 2014 **Predoctoral Researcher and Teaching Assistant.** Department of Ecology. Universitat de Barcelona. Barcelona, Spain.
- Apr 2013 – Jun 2013 **Visiting Research Fellow.** University of Otago. Dunedin, New Zealand.
- Jan 2012 – Apr 2012 **Visiting Research Fellow.** Queen Mary University of London. London, United Kingdom.
- Oct 2009 – Sep 2010 **Research Fellow.** Department of Ecology. Universitat de Barcelona. Barcelona, Spain.
- Oct 2008 – Sep 2009 **Research Fellow.** Unit of Chemical Engineering. Universidad Autónoma de Madrid. Madrid, Spain.
- Jul 2008 – Sep 2008 **Research Fellow.** Institute of Environmental Assessment and Water Research (IDAEA), Spanish Council for Scientific Research (CSIC). Barcelona, Spain.
- Feb 2007 – Jun 2007 **Research Fellow.** Unit of Plant Physiology. Universidad Autónoma de Madrid. Madrid, Spain.

Education

- 2010 – 2016 **Ph.D. in Ecology.** GPA: summa cum laude (by unanimity). International mention. Award for Outstanding Ph.D. Universitat de Barcelona, Spain.
- 2009 – Basic studies of Bachelor in Philosophy. Universidad Nacional de Educación a Distancia, Spain.
- 2009 – 2010 **M.Sc. in Fundamental and Applied Ecology (60 ECTS).** GPA: 9.1/10. Speciality in Freshwater Ecology. Universitat de Barcelona & Universitat de Girona, Spain.
- 2005 – 2009 **Degree in Environmental Sciences (300 ECTS). First Class Honour Degree.** GPA: 9.46/10 (3.62/4). Valedictorian. Highest GPA of my year in the university, and third highest GPA in the whole country. Speciality in Environmental Technology. This Degree is equivalent to a M.Sc. in the European Higher Education Area. Universidad Autónoma de Madrid, Spain.
- 2005 **High School Education in Nature and Health Sciences, with distinction.** GPA: 9.9/10. Valedictorian. IES Infante Don Fadrique, Spain.

Grants & Awards

- 2019 Postdoctoral Scholarship. Margalida Comas Postdoc. Govern de les Illes Balears. Spain.
- 2016 Award for Outstanding Ph.D. Universitat de Barcelona.
- 2016 Postdoctoral Scholarship. Ramon Areces Foundation.
- 2012 Research short stay fellowship FPU 2012. Spanish Government.
- 2011 Research short stay fellowship FPU 2011. Spanish Government.
- 2011 Third National Award for Excellence in Academic Performance, awarded by the Minister of Education of Spain for the third best academic performance in the country. Spanish Government.
- 2010 – 2014 FPU. University teaching staff training scholarship. Spanish Government.
- 2009 First Award for Excellence in Academic Performance in Environmental Sciences, awarded by the Universidad Autónoma de Madrid for the best academic performance in the university.
- 2009 – 2010 “La Caixa” M.Sc. scholarship. Fundación ‘la Caixa’.
- 2008 Research Initiation Fellowship. Spanish Council of Scientific Research (CSIC).
- 2006 – 2007 Excellence Award in Academic Progress. Madrid Government.
- 2005 Excellence Award at High School. Spanish Government.

Publications

Peer reviewed publications

Rodríguez- Lozano, P., Leidy, R.A., & Carlson, S.M. (2018) Brook lamprey survival in the dry riverbed of an intermittent stream. Under consideration.

Shumilova, O., Zak, D., Datry, T., von Schiller, D., Corti, R., Foulquier, A., Obrador, B., Tockner, K., Altermatt, F., Arce, M.I., Arnon, S., Banas, D., Banegas-Medina, A., Beller, E., Blanchette, M., Blanco-Libreros, J.F., Blessing, J., Gonçalves Boëchat, I., Boersma, K., Bogan, M.T., Bonada, N., Bond, N., Brintrup, K., Bruder, A., Burrows, R., Cancellario, T., Carlson, S.M., Cauvy-Fraunié, S., Cid, N., Danger, M., de Freitas Terra, B., de Girolamo, A.M., del Campo, R., Dyer, F., Elosegí, A., Emile, F., Febria, C., Figueroa, R., Four, B., Gessner,

- M.O., Gnohossou, P., Gómez Cerezo, R., Gómez-Gener, L., Graça, M.A.S., Guareschi, S., Gücker, B., Hwan, J.L., Kubheka, S., Langhans, S.D., Leigh, C., Little, C., Lorenz, S., Marshall, J., McIntosh, A., Mendoza-Lera, C., Meyer, E.I., Miliša, M., Mlambo, M.C., Moleón, M., Negus, P., Niyogi, D., Papatheodoulou, A., Pardo, I., Paril, P., Pešić, V., **Rodríguez-Lozano, P.**, Rolls, R.R., Sánchez-Montoya, M.M., Savić, A., Steward, A., Stubbington, R., Taleb, A., Vander Vorste, R., Waltham, N. Zoppini, A., & Zarfl, C. (2019) Simulating rewetting events in intermittent rivers and ephemeral streams: a global analysis of leached nutrients and organic matter. *Global Change Biology*. <https://doi.org/10.1111/gcb.14537>
- Catalán, N., Casas-Ruiz, J.P., Arce, M., Abril, M., Bravo, A.G., del Campo, R., Estévez, E., Freixa, A., González-Ferreras, A. M., Gómez-Gener L., Lupon, A., Palacin-Lizarbe, C., Poblador, S., Reyes, M., Rasines-Ladero, R., Rodríguez-Castillo, T., **Rodríguez-Lozano, P.**, Sanpera-Calbet, I., & Pastor, A. (2018) Behind the scenes: mechanisms regulating climatic patterns of dissolved organic carbon uptake in headwater streams. *Global Biogeochemical Cycles*, 32: 1528-1541.
- Datry T., Foulquier A., Corti R., von Schiller D., Tockner K., Mendoza-Lera C., Clément J.C., Gücker B., Moleón M., Albariño R., Allen D.C., Altermatt F., Arce M.I., Arnon S., Banas D., Banegas-Medina A., Beller E., Blanchette M.L., Blanco-Libreros J.F., Blessing J.J., Boëchat I.G., Boersma K.S., Bogan M.T., Bonada N., Bond N.R., Brintrup Barría K.C., Bruder A., Burrows R.M., Cancellario T., Canhoto C., Carlson S.M., Cauvy-Fraunié S., Cid N., Danger M., de Freitas Terra B., De Girolamo A.M., de La Barra E., del Campo R., Diaz-Villanueva V.D., Dyer F., Elozegi A., Faye E., Febria C., Four B., Gafny S., Gessner M.O., Ghate S.D., Gómez R., Gómez-Gener L., Graça M.A.S., Guareschi S., Hoppeler F., Hwan J., Jones J.I., Kubheka S., Laini A., Langhans S.D., Leigh C., Little C.J., Lorenz S., Marshall J.C., Martín E., McIntosh A.R., Meyer E.I., Miliša M., Mlambo M.C., Morais M., Moya N., Negus P.M., Niyogi D.K., Papatheodoulou A., Pardo I., Pařil P., Pauls S.U., Pešić V., Polářek M., Robinson C.T., **Rodríguez-Lozano P.**, Rolls R.J., Sánchez-Montoya M.M., Savić A., Shumilova O., Sridhar K.R., Steward A.L., Storey R., Stubbington R., Taleb A., Uzan A., Vander Vorste R., Waltham, N.J., Woelfle-Erskine C., Zak D., Zarfl C., & Zoppini A. (2018) A global analysis of terrestrial plant litter dynamics in non-perennial waterways. *Nature Geoscience*, 11: 497–503. doi: 10.1038/s41561-018-0134-4
- Pastor, A., Lupon, A., Gómez-Gener, L., Rodríguez-Castillo, T., Abril, M., Arce, M. I., Aristi, I., Arroita, M., Bravo, A.G., de Castro-Català, N., del Campo, R., Casas-Ruiz, J.P., Estévez, E., Fernández, D., Fillol, M., Flores, L., Freixa, A., Giménez-Grau, P., González-Ferreras, A.M., Hernández-del Amo, E., Martín, E. J., Martínez, A., Monroy, S., Mora-Gómez, J., Palacin-Lizarbe, C., Pereda, O., Poblador, S., Rasines-Ladero, R., Reyes, M., **Rodríguez-Lozano, P.**, Ruiz, C., Sanpera-Calbet, I., Solagaistua, L., Tornero, I., & Catalán, N. (2017) Local and regional drivers of headwater stream metabolism: insights from the first AIL collaborative project. *Limnetica*, 36(1): 67-85. doi: 10.23818/limn.36.06
- Rau, M. A., Plavan, G., Strungaru, S. A., Nicoara, M., **Rodríguez-Lozano, P.**, Mihu-Pintilie, A., Ureche, D., Klimaszuk, P. (2017) The impact of amur sleeper (*Perccottus glenii* Dybowski, 1877) on the riverine ecosystem: food selectivity of amur sleeper in a recently colonized river. *Oceanological and Hydrobiological Studies*, 46(1): 96-107. doi: 10.1515/ohs-2017-0010
- Rodríguez-Lozano, P.**, Rieradevall, M., & Prat, N. (2016) Top predator absence enhances leaf breakdown in an intermittent stream. *Science of The Total Environment*, 572: 1123–1131. doi:10.1016/j.scitotenv.2016.08.021.
- Rodríguez-Lozano, P.**, Verkaik, I., Maceda-Veiga, A., Monroy, M., de Sostoa, A., Rieradevall, M., & Prat, N. (2016) A trait-based approach reveals the feeding selectivity of a small endangered Mediterranean fish. *Ecology and Evolution*, 6(19): 3299–3310. doi: 10.1002/ece3.2117
- Bonada, N., Cañedo-Argüelles, M., Cid, N., Obrador, B., **Rodríguez-Lozano, P.**, & Verkaik, I. (2015) In Memoriam: Maria Rieradevall (1960-2015). *Limnetica*, 34(2): i–vi.
- Rodríguez-Lozano, P.**, Rieradevall, M., Rau, M.A. & Prat, N. (2015) Long-term consequences of a wildfire for leaf-litter breakdown in a Mediterranean stream. *Freshwater Science*, 34(4): 1482–1493. doi:10.1086/683432
- Rodríguez-Lozano, P.**, Verkaik, I., Rieradevall, M. & Prat, N. (2015) Small but powerful: top predator local extinction affects ecosystem structure and function in an intermittent stream. *PLoS ONE*, 10(2): e0117630. doi:10.1371/journal.pone.0117630

Thesis

Rodríguez-Lozano, P. (2016) Fire legacies in Mediterranean streams: the key roles of the riparian canopy and the top predator on food webs. Ph.D. Thesis. Universitat de Barcelona. Barcelona, Spain.

Rodríguez-Lozano, P. (2010) Fuego y sequía: efectos sobre la estructura y los rasgos biológicos de las comunidades de macroinvertebrados fluviales. Master Thesis. Universitat de Barcelona. Barcelona, Spain.

Rodríguez-Lozano, P. (2009) Evaluación de la toxicidad y de la biodegradabilidad de derivados fenólicos. Final-Year Project (Environmental Sciences). Universidad Autónoma de Madrid. Madrid, Spain.

Publications (non peer reviewed)

Fortuño, P., Acosta, R., Bonada, N., Cañedo-Argüelles, M., Castro-López, Daniel, Cid, N., Múrria, C., Pineda Morante, D., **Rodríguez-Lozano, P.**, Soria Extremera, M., Tarrats-Sada, P. Verkaik, I., & Prat, N. (2019) La disminució de les extraccions d'aigua millora l'estat hidrològic i ecològic del torrent de la Vall d'Horta. In: IX Trobada d'Estudiosos de Sant Llorenç del Munt i l'Obac (eds Diputació de Barcelona, Àrea de Territori i Sostenibilitat, Gerència de Serveis d'Espais Naturals, Xarxa de Parcs Naturals), pp. 250-261. Diputació de Barcelona, Barcelona.

Rodríguez-Lozano, P. (2018) Temporary rivers, are we too thirsty to protect them? *Tvergastein. Interdisciplinary Journal of the Environment*, 11: 24-31.

Fortuño, P., Acosta, R., Bonada, N., Cid, N., **Rodríguez-Lozano, P.**, & Prat, N. (2018) Les comunitats de macroinvertebrats aquàtics de dos torrents del Montseny com a cas d'estudi dels possibles efectes del canvi global. In: XI Trobada d'Estudiosos del Montseny (eds Diputació de Barcelona, Àrea de Territori i Sostenibilitat, Gerència de Serveis d'Espais Naturals, Xarxa de Parcs Naturals), pp. 466-479. Diputació de Barcelona, Barcelona.

Prat, N., Fortuño, P., Vinyoles, D., **Rodríguez-Lozano, P.**, & Cid, N. (2017) Seguiment de l'ictiofauna al Parc Natural de Sant Llorenç del Munt i l'Obac. Informe tècnic. Universitat de Barcelona, Barcelona.

Fortuño, P., Cid, N., **Rodríguez-Lozano, P.**, Sánchez, N., Flor Arnau, N., Bonada, N., Gallart, F., Latron, J., Llorens, P., Vinyoles, D., Rieradevall, M., & Prat, N. (2017) La gestió dels rius temporals al parcs naturals de les serralades litorals catalanes: el cas de la riera de Pineda. In: III Trobada d'Estudiosos de la Serralada Litoral Central i VII del Montnegre i el Corredor (eds Diputació de Barcelona, Àrea de Territori i Sostenibilitat, Gerència de Serveis d'Espais Naturals, Xarxa de Parcs Naturals), pp. 166-178. Diputació de Barcelona, Barcelona.

Prat, N., Fortuño, P., Acosta R., Bonada, N., Castro, D., Cid, N., Burgazzi, G., **Rodríguez-Lozano, P.**, Sória, M., Tarrats, P., & Verkaik, I. (2017). Efectes del Canvi Ambiental en les comunitats d'organismes dels Rius MEDiterranis (CARIMED). Informe 2016. Diputació de Barcelona. Àrea d'Espais Naturals (Estudis de la Qualitat Ecològica dels Rius; 26).

Cid, N., Fortuño, P., **Rodríguez-Lozano, P.**, Bonada, N., Vinyoles, D., Rieradevall, M., Martínez, R., Gallart, F., Latron, J., Llorens, P., & Prat, N. (2016) Parlem de rius temporals. Cingles, butlletí informatiu del Parc Natural dels Ports, núm. 5: 12-14.

Rodríguez-Lozano, P., Verkaik, I., Rieradevall, M. & Prat, N. (2015) Efectes potencials de la reintroducció del barb de muntanya (*Barbus meridionalis*) a la riera de la Vall d'Horta. In: VIII Trobada d'Estudiosos de Sant Llorenç del Munt i l'Obac (eds Duran, C., Hernández, J., Grau, J. & Melero, J.), pp. 146–155. Diputació de Barcelona, Barcelona.

Prat, N., Fortuño, P., Rieradevall, M.; Acosta R., Bonada, N., Castro, D., Cañedo-Argüelles, M., Cid, N., Múrria, C., **Rodríguez-Lozano, P.**, Sánchez, N., & Tarrats, P. (2016). Efectes del Canvi Ambiental en les comunitats d'organismes dels Rius MEDiterranis (CARIMED). Informe 2015. Diputació de Barcelona. Àrea d'Espais Naturals (Estudis de la Qualitat Ecològica dels Rius; 25).

Prat, N., Fortuño, P., Rieradevall, M., Acosta R., Bonada, N., Pace, G., **Rodríguez-Lozano, P.**, Rúfusová, A., Sánchez, N., & Tarrats, P. (2015) Efectes del Canvi Ambiental en les comunitats d'organismes dels Rius MEDiterranis (CARIMED). Informe 2014. Diputació de Barcelona. Àrea d'Espais Naturals (Estudis de la Qualitat Ecològica dels Rius; 24).

- Prat, N., Rieradevall, M., Fortuño, P., Acosta R., Bonada, N., Page, G., **Rodríguez-Lozano, P.** & Sánchez, N. (2014) Efectes del Canvi Ambiental en les comunitats d'organismes dels Rius MEDiterranis (CARIMED). Informe 2013. Diputació de Barcelona. Àrea d'Espais Naturals (Estudis de la Qualitat Ecològica dels Rius; 23).
- Prat, N., Rieradevall, M., Fortuño, P., Acosta, R., Bonada, N., Cañedo-Argüelles, M., Cid, N., Pace, G., **Rodríguez-Lozano, P.**, Sánchez, N., Verkaik, I., Villamarín, C. (2013) Diagnòs ambiental de les conques dels rius de la Província de Barcelona. Informe 2012. Diputació de Barcelona. Àrea d'Espais Naturals (Estudis de la Qualitat Ecològica dels Rius; 22).
- Prat, N., Rieradevall, M., Fortuño, P., Pié, G., Jiménez, L., Acosta, R., Bonada, N., Cañedo-Argüelles, M., Cid, N., Grantham, T., Llach, F., Ordeix, M., Pace, G., Perrée, I., Puntí, T., **Rodríguez-Lozano, P.**, Roig, R., Sánchez, N., Sellarès, N., Verkaik, I., Villamarín, C. (2012) La qualitat ecològica del Llobregat, el Besòs, el Foix, la Tordera i el Ter. Informe 2011. Diputació de Barcelona. Àrea de Territori i Sostenibilitat (Estudis de la Qualitat Ecològica dels Rius; 21).
- Prat, N., Rieradevall, M., Fortuño, P., Pié, G., Puntí, T., Ordeix, M., Acosta, R., Cañedo-Argüelles, M., Jiménez, L., Llach, F., Perrée, I., Puértolas, L., **Rodríguez-Lozano, P.**, Roig, R., Sánchez, N., Sellarès, N., Verkaik, I., Villamarín, C. (2011) La qualitat ecològica del Llobregat, el Besòs, el Foix, la Tordera i el Ter. Informe 2010. Diputació de Barcelona. Àrea d'Espais Naturals (Estudis de la Qualitat Ecològica dels Rius; 20).

Congress communications

- Rodríguez-Lozano, P.**, Leidy, R.A., Moidu, H., & Carlson, S.M. (2018) Non-lethal fish responses to flow intermittency. Oral communication. Davis (California, U.S.A.). October 2018. 25th Annual Meeting of the California Aquatic Bioassessment Workgroup.
- Cid, N., Vinyoles, D.; Gutiérrez-Cánovas, C., **Rodríguez-Lozano, P.**, Bonada, N., Fortuño, P., Latron, J., Llorens, P., Gallart, F., & Prat, N. (2018) Combined impacts of anthropogenic and natural stressors cause functional changes in stream fish communities. Oral communication. Victoria (British Columbia, Canada). June 2018. Association for the Sciences of Limnology and Oceanography 2018 Summer Meeting.
- Rodríguez-Lozano, P.**, Wingenroth, J., & Carlson, S.M. (2018) Fish ecology and conservation in intermittent rivers: major advances and knowledge gaps. Oral communication. Detroit (Michigan, U.S.A.). May 2018. Society for Freshwater Science Annual Meeting.
- Cid, N., Vinyoles, D., **Rodríguez-Lozano, P.**, Gutiérrez-Cánovas, C., Bonada, N., Fortuño, P., Latron, J., Llorens, P., Gallart, F., & Prat, N. (2018) Functional features of fish communities from Mediterranean-climate streams show contrasting responses to disturbances. Oral communication. Detroit (Michigan, U.S.A.). May 2018. Society for Freshwater Science Annual Meeting.
- Soria Extremera, M., Cid, N., Gallart, F., Prat, N., **Rodríguez-Lozano, P.**, Acosta, R., Gutiérrez-Cánovas, C., & Bonada, N. (2018) Community responses to natural and anthropogenic disturbances: structural and functional insights from Mediterranean rivers. Oral communication. Detroit (Michigan, U.S.A.). May 2018. Society for Freshwater Science Annual Meeting.
- Fortuño, P., Acosta, R., Bonada, N., Cañedo-Argüelles, M., Castro, D., Cid, N., Múrria, C., Pineda, D., **Rodríguez-Lozano, P.**, Soria, M., Tarrats, P., Verkaik, I., & Prat, N. (2017) La disminució de les extraccions d'aigua millora l'estat hidrològic i ecològic del Torrent de la Vall d'Horta. Oral communication. Castellar del Vallés (Spain), November 2017. IX Trobada d'Estudiosos del Parc Natural de Sant Llorenç del Munt i l'Obac.
- Prat, N., Cid, N., **Rodríguez-Lozano, P.**, Bonada, N., Fortuño, P., Acosta, R., Vinyoles, D., Gallart, F., Latron, J., & Llorens, P. (2017) Biomonitoring in the temporal rivers: are the current methods adequate? Poster communication. Pamplona (Spain). September 2017. Conference on Ecological Quality and Conservation Status of Inland Waters.
- Burfeid-Castellanos, A.M., Flor-Arnau, N., Cid, N., **Rodríguez-Lozano, P.**, Bonada, N., Vinyoles, D., Fortuño, P., Acosta, R., Latron, J., Llorens, P., Gallart, F., Cambra, J., & Prat, N. (2017) Bioassessment of intermittent

rivers and ephemeral streams from the Mediterranean Basin using diatoms: are current methods adequate? Poster communication. Szczecin (Poland). August 2017. 11th International Phycological Congress.

Burfeid-Castellanos, A.M., Flor-Arnau, N., Cid, N., **Rodríguez-Lozano, P.**, Bonada, N., Fortuño, P., Vinyoles, D., Gallart, F., Latron, J., Llorens, P., Prat, N., & Cambra, J. (2017) Effects of intermittent rivers on diatom communities. Oral communication. Aranjuez (España). June 2017. XXI Cryptogamic Botany Symposium.

Cid, N., Vinyoles, D., Noguera, E., **Rodríguez-Lozano, P.**, Bonada, N., Fortuño, P., Latron, J., Gallart, F., Llorens, P., & Prat, N. (2017) Temporal variability of fish populations and community assemblages from Mediterranean perennial and intermittent streams: management implications. Oral communication. Olomouc (Czech Republic). July 2017. 10th Symposium for European Freshwater Sciences.

Datry, T., Corti, R., Mendoza-Lera, C., Foulquier, A., von Schiller, D., Tockner, T., & 1000IRP team (2017) Global perspective of particulate organic matter dynamics in intermittent rivers and ephemeral streams. Oral communication. Olomouc (Czech Republic). July 2017. 10th Symposium for European Freshwater Sciences.

Estévez, E., Abril, M., Alirangues, M. M., Arenas-Sanchez, A., Arias del Real, R., Arranz, I., Bruno, D., Calapez, A. R., Casas-Ruiz, J. P., Castano, A., Catalan, N., Cid, N., Colls, M., Cornut, J., De Castro-Catala, N., Duarte, S., Ersoy, Z., Feio, M. J., Fernandes, I., Fortuno, P., Freixa, A., Garcia, A. Genua-Olmedo, A., Gomez-Gener, L., Gonzalez-Ferreras, A. M., Granados, V., Guarch, A., Gutierrez-Canovas, C., Harjung, A., Herrero, S., Cabrerizo, M. J., Jimenez, L., Lopez, N., Lupon, A., Martinez, A., Mateu, D., Monroy, S., Mor, J. R., Moreno, E., Nikolakopoulou, M., Osorio, V., Pastor, A., Pereda, O., Perez-Silos, I., Picazo, F., Poblador, S., Pradhan, A., Ramiao, J. P., Rasines-Ladero, R., Reyes, M., Rodriguez-Castillo, T., **Rodríguez-Lozano, P.**, Romero, C., Romero, F., Sabas, I., Sanchez, M., Sgarzi, S., Solagaistua, L., Soria, M., Timoner, X., Tobella, M., Vila, N., Viza, A., von Schiller, D., Zufiaurre, A., & Del Campo, R. (2017) A timely look at effects of agriculture on fluvial DOM: the role of hydrology. AGRHYDRUM, 2nd young collaborative project from the Iberian Association of Limnology. Poster communication. Olomouc (Czech Republic). July 2017. 10th Symposium for European Freshwater Sciences.

Rodríguez-Lozano, P., Wingenroth, J. M., Prat, N., & Carlson, S.M. (2017). The role of fish in the food webs of intermittent streams. Oral communication. Eureka (California, U.S.A.), April 2017. Cal-Neva Chapter of the American Fisheries Society 51st Annual Meeting.

Prat, N., Fortuño, P., Acosta, R., Bonada, N., Cid, N., & **Rodríguez-Lozano, P.** (2016) Similituds i diferències dels macroinvertebrats de dos torrents de muntanya del Montseny. Oral communication. La Garriga (Spain), November 2016. IX Trobada d'Estudiosos del Montseny.

von Schiller, D., Elosegi, A., Marcé, R., Obrador, B., Pereda, O., Etxeberria, Y., Datry, T., Corti, R., Foulquier, A., Tockner, K., & the 1000IRP team (2016) A global perspective of carbon dioxide emissions from intermittent rivers and ephemeral streams: insights from the 1000 Intermittent Rivers Project. Oral communication. Barcelona (Spain), November 2016. International Net-Scarce conference. Rivers under water scarcity: threats and challenges.

Rodríguez-Lozano, P., Verkaik, I., Vila-Escalé, M., Fortuño, P., Rieradevall, M. & Prat, N. (2016). More than a decade after the 2003 Sant Llorenç wildfire: lessons learned. Poster communication. Tortosa (Spain), July 2016. XVIII Congress of the Iberian Association of Limnology.

Bonada, N., Cid, N., Verkaik, I. & **Rodríguez-Lozano, P.** (2016) Too much and too little water: contributions to the ecology of intermittent rivers. Oral communication. Tortosa (Spain), July 2016. XVIII Congress of the Iberian Association of Limnology.

Cid, N., Vinyoles, D., **Rodríguez-Lozano, P.**, Fortuño, P., Acosta, R., Bonada, N., Latron, J., Llorens, P., Gallart, F. & Prat, N. (2016) Bioassessment of temporary rivers in the Mediterranean basin: are current methods adequate? Oral communication. Tortosa (Spain), July 2016. XVIII Congress of the Iberian Association of Limnology.

Cid, N., Prat, N., Bonada, N., Gallart, F., Llorens, P., Latron, J., Vinyoles, D., Fortuño, P. & **Rodríguez-Lozano, P.** (2016) Implementing the Water Framework Directive to temporary rivers: the TRivers project. Poster communication. Tortosa (Spain), July 2016. XVIII Congress of the Iberian Association of Limnology.

- Catalán, N., ;Pastor, A., Abril, M., Arce, M.I., Aristi, I., Arroita, M., Bravo, A.G., de Castro-Català, N., del Campo, R., Casas-Ruiz, J.P., Estévez, E., Fernández, D., Fillol, M., Flores, L., Freixa, A., Giménez-Grau, P., Gómez-Gener, L., GonzálezFerrerías, A.M., Hernández del Amo, E., Lupon, A., Martín, E.J., Martínez, A., Monroy, S., Mora-Gómez, J., Palacin-Lizarbe, C., Pereda, O., Poblador, S., Rasines-Ladero, R., Reyes, M., Rodríguez-Castillo, T., **Rodríguez-Lozano, P.**, Ruiz, C., Sanpera-Calbet, I., Solagaistua, L. & Tornero, I. (2016) Carbon uptake in headwater streams: insights from the first collaborative experiment among AIL Young Researchers. Oral communication. Tortosa (Spain), July 2016. XVIII Congress of the Iberian Association of Limnology.
- Cid, N., **Rodríguez-Lozano, P.**, Bonada, N., Vinyoles, D., Fortuño, P., Acosta, R., Latron, J., Llorens, P., Gallart, F. & Prat, N. (2016) Bioassessment of intermittent rivers and ephemeral streams in the Mediterranean basin: are current methods adequate? Oral communication. Sacramento (California, U.S.A.). May 2016. Society for Freshwater Science Annual Meeting.
- Fortuño, P., Cid, N., **Rodríguez-Lozano, P.**, Sánchez, N., Flor-Arnau, N., Bonada, N., Gallart, F., Latron, J., Llorens, P., Vinyoles, D., Rieradevall, M. & Prat, N. (2015) Els parcs naturals de la serralada litoral catalana i el projecte LIFE-TRivers per la millora de la gestió dels rius temporals. Oral communication. Tiana (Spain), November 2015. III Trobada d'Estudiosos de la Serralada Litoral Central i VII del Montnegre i el Corredor.
- Catalán, N., ;Pastor, A., Abril, M., Arce, M.I., Aristi, I., Arroita, M., Bravo, A.G., de Castro-Català, N., del Campo, R., Casas-Ruiz, J.P., Estévez, E., Fernández, D., Fillol, M., Flores, L., Freixa, A., Giménez-Grau, P., Gómez-Gener, L., GonzálezFerrerías, A.M., Hernández del Amo, E., Lupon, A., Martín, E.J., Martínez, A., Monroy, S., Mora-Gómez, J., Palacin-Lizarbe, C., Pereda, O., Poblador, S., Rasines-Ladero, R., Reyes, M., Rodríguez-Castillo, T., **Rodríguez-Lozano, P.**, Ruiz, C., Sanpera-Calbet, I., Solagaistua, L. & Tornero, I. (2015) Carbon uptake in headwater streams: insights from a collaborative experiment. Oral communication. Geneva (Switzerland). July 2015. 9th Symposium for European Freshwater Sciences.
- Catalán, N., ;Pastor, A., Abril, M., Arce, M.I., Aristi, I., Arroita, M., Bravo, A.G., de Castro-Català, N., del Campo, R., Casas-Ruiz, J.P., Estévez, E., Fernández, D., Fillol, M., Flores, L., Freixa, A., Giménez-Grau, P., Gómez-Gener, L., GonzálezFerrerías, A.M., Hernández del Amo, E., Lupon, A., Martín, E.J., Martínez, A., Monroy, S., Mora-Gómez, J., Palacin-Lizarbe, C., Pereda, O., Poblador, S., Rasines-Ladero, R., Reyes, M., Rodríguez-Castillo, T., **Rodríguez-Lozano, P.**, Ruiz, C., Sanpera-Calbet, I., Solagaistua, L. & Tornero, I. (2015) The potential of collaborative experiments among Young scientists: the DOMIPEX project. Poster communication. Geneva (Switzerland). July 2015. 9th Symposium for European Freshwater Sciences.
- Bruder, A., Salis, R., **Rodríguez-Lozano, P.** & Matthaei, C.D. (2015) Green or brown? Stream ecosystem functioning affected by multiple agricultural stressors. Oral communication. Geneva (Switzerland). July 2015. 9th Symposium for European Freshwater Sciences.
- Bruder, A., Salis, R., **Rodríguez-Lozano, P.** & Matthaei, C.D. (2014) Green or brown? Stream ecosystem functioning affected by multiple agricultural stressors. Oral communication. Waikato (New Zealand), November 2014. 21st Century Watershed Technology Conference and Workshop.
- Rodríguez-Lozano, P.**, Rieradevall, M., Rau, M.A. & Prat, N. (2014) Wildfire long-term consequences on leaf litter breakdown in streams. Oral communication. Portland (Oregon, U.S.A.). May 2014. Joint Aquatic Science Meeting.
- Prat, N., **Rodríguez-Lozano, P.**, Verkaik, I. & Rieradevall, M. (2014) Because of the presence of droughts, Mediterranean streams recover more quickly from Bush fires than other streams. Oral communication. Portland (Oregon, U.S.A.). May 2014. Joint Aquatic Science Meeting.
- Bruder, A., Salis, R., **Rodríguez-Lozano, P.** & Matthaei, C.D. (2014) Stream ecosystem functioning affected by multiple agricultural stressors: a four-stressor streamside mesocosm experiment. Oral communication. Portland (Oregon, U.S.A.). May 2014. Joint Aquatic Science Meeting.
- Rodríguez-Lozano, P.**, Verkaik, I., Rieradevall, M. & Prat, N. (2013). Efectes potencials de la reintroducció del barb de muntanya (*Barbus meridionalis*) a la riera de la Vall d'Horta. Oral communication. Matadepera (Spain), November 2013. VIII Trobada d'Estudiosos del Parc Natural de Sant Llorenç del Munt i l'Obac.
- Narcís, P., Fortuño, P., **Rodríguez-Lozano, P.** & Rieradevall, M. (2013) Efectes de la extracció d'aigua sobre la comunitat de macroinvertebrats al Parc Natural de Sant Llorenç del Munt. Oral communication.

Matadepera (Spain), November 2013. VIII Trobada d'Estudiosos del Parc Natural de Sant Llorenç del Munt i l'Obac.

Belmonte, M., **Rodríguez-Lozano, P.**, Rieradevall, M. & Prat, N. (2013) Efectes del barb de muntanya (*Barbus meridionalis*) sobre la comunitat de macroinvertebrats en un riu mediterrani. Poster communication. Matadepera (Spain), November 2013. VIII Trobada d'Estudiosos del Parc Natural de Sant Llorenç del Munt i l'Obac.

Jenkins, G. B., Rall, B. C., **Rodríguez-Lozano, P.** & Woodward, G. (2013) Impacts of pH and temperature change on predator-prey interactions in a well-characterised food web. Oral communication. Münster (Germany). July 2013. VIII Symposium for European Freshwater Sciences (SEFS).

Jenkins, G. B., **Rodríguez-Lozano, P.** & Woodward, G. (2012) Impacts of pH and temperature change on predator-prey interactions in a well-characterised food web. Oral communication. Birmingham (UK). December 2012. British Ecological Society annual meeting.

Rodríguez-Lozano, P., Verkaik, I., Maceda-Veiga, A., Monroy, M., de Sostoa, A., Prat, N & Rieradevall, M. (2012) Trophic ecology of *Barbus meridionalis*. Density-dependant diet or high selectivity? Oral communication. Girona (Spain), July 2012. IV Iberian Ichthyology Conference.

Rodríguez-Lozano, P., Verkaik, I., Rieradevall, M. & Prat, N. (2012) What's for lunch? Density-dependant diet or high selectivity food choice of *Barbus meridionalis*? Oral communication. Guimaraes (Portugal), July 2012. XVI Congress of the Iberian Association of Limnology.

Rodríguez-Lozano, P., Verkaik, I., Rieradevall, M. & Prat, N. (2012) Fish autocracy: power loss of macroinvertebrate and algal *demos* after barbel reintroduction. Oral communication. Louisville (Kentucky, U.S.A.). May 2012. Society for Freshwater Science Annual Meeting.

Rodríguez-Lozano, P., Verkaik, I., Rieradevall, M. & Prat, N. (2011) Strong top-down effects of *Barbus meridionalis* in a Mediterranean stream. Oral communication. Girona (Spain), July 2011. VII Symposium for European Freshwater Sciences (SEFS).

Projects

LIFE TRIVERS. Implementing the Water Framework Directive to temporary rivers: tools for the assessment of their ecological status. LIFE13 ENV/ES/000341. European Comission. IP: N. Prat.

1000 IRES. The 1000 intermittent rivers project. IP: T. Datry.

AGRHYDROM. A timely look at effects of agriculture on fluvial dissolved organic matter: the role of hydrology. Iberian Association of Limnology. IP: E. Estevez & R. del Campo.

DOMIPEX. Effects of labile DOC additions over DOM dynamics as a function of discharge variability. Iberian Association of Limnology. IP: N. Catalán & A. Pastor.

FURIMED2. Resiliencia de los ríos mediterráneos a los fuegos forestales. CGL2008-03388BOS. Spanish Government. IP: M. Rieradevall.

CARIMED. Efectes del Canvi Ambiental en les comunitats d'organismes dels Riús MEDiterranis. Barcelona Government. IP: N. Prat.

Programa ECOBILL - ECOSTRIMED+ - CARIMED. Monitoreig de l'estat ecològic dels rius Llobregat, Tordera, Ter, Besòs i Foix. Barcelona Government. IP: N. Prat.

Teaching experience

Evolutionary behavioral mechanisms and community assembly. Universitat de Barcelona. M.Sc. in Biodiversity. A session about predation. Course 2015/2016.

Integrated Watershed Management. Universitat de Barcelona. B.Sc. Environmental Sciences, 4th year subject. 80h of work related with field and laboratory training (30 hours in-person class). Course 2013/2014.

Evolutionary Ecology. Universitat de Barcelona. B.Sc. Biology, 3rd year subject. 150h of work related with field and data analysis training (76 hours in-person class). Courses 2012/13 and 2013/14.

Supervisor. Master thesis co-supervisor of María Belmonte (M.Sc. in Biodiversity, Universitat de Barcelona, course 2012/13). Erasmus internship supervisor of Marius Andrei Rau (M.Sc. student from the Universitatea Alexandru Ioan Cuza, Universitat de Barcelona, course 2011/2012).

Courses

Scientific and Environmental Communication. 2016. 24h. MetaComunica.

Questionnaire Design for Social Surveys. 2016. 6w. University of Michigan. Online Coursera Inc.

Ethical dimensions in our relationship with nature. 2015. 1w. Universidad de Alcalá.

Applied Spatial Data Analysis with R. 2015. 16h. Universitat de Barcelona.

Initiation to Creative Writing. 2014. 52h. Escuela de Escritores. Online.

Development of Creative Thinking. 2014. 8h. Universitat de Barcelona.

R Packages for Mixed Models. 2014. 15h. Universitat de Barcelona.

Case studies as a learning method. 2014. 8h. Universitat de Barcelona.

Critical Thinking in Global Challenges. 2013. 5w. University of Edinburgh. Online Coursera Inc.

Leadership and communication in the classroom. 2013. 8h. Universitat de Barcelona.

Writing in the Sciences. 2012. 8w. Stanford University. Online Coursera Inc.

Course on Scientific Writing. 2012. 8h. Iberian Association of Limnology.

Basic course of R. 2011. 20h. Universitat de Barcelona.

Evaluating the ecological status of rivers using the biological, ecological and/or ecotoxicological traits of benthic macroinvertebrate assemblages: consequences in the WFD implementation in France. 2010. 10h. Universitat de Barcelona.

Environment, climate change, and armed conflicts: the water question. 2009. 15h. Solidarity UB Foundation and MÓN-3 Foundation.

Biodiversity of toxic microalgae in marine phytoplankton. 2007. 35h. Spanish Phycological Society.

Introduction to cetacean identification and navigation skills. 2006. 50h. Cetaceans & Navigation.

Ornithology introductory course. 2005. 20h. Ornithological Group SEO-Monticola.

Other merits

Manuscript reviewer for the journals *Aquatic Sciences*, *Aquatic Conservation*, *Freshwater Biology*, *Hydrobiologia*, *Ecological Indicators*, *Ecological Applications*, *Marine & Freshwater Research*, *Diversity*, *Limnology*, and *Science of the Total Environment*.

Member of the Asociación Ibérica de Limnología and the *Society for Freshwater Science* (since 2011).

Representative of the graduate students of the Department of Ecology at the Universitat de Barcelona (2010-2015).