

PhD Morgane HERVE

17/08/1992

Living Lab CLEF(director)

14 place de la République

35 380 PLELAN-LE-GRAND

FRANCE

(+33)6.71.08.84.44

morganeherve.56@gmail.com

Interdisciplinarity: economy and ecology Co-creator of the Living Lab CLEF

Formal education

- 2017-2021 **PhD** Ecology and Economy: “Caring for the life below-ground: An interdisciplinary inquiry on the values of soil biota and biodiversity among European farmers” – *Magna cum laude* (grade: 0.7), European label.
Directors: Annegret NICOLAI (*UMR 6553 EcoBio - Ecology*) and Michel RENAULT (*UMR 6211 CREM - Socioeconomy*), *Université de Rennes 1*; Martin POTTHOFF (*CBL – Ecology*), *Georg-August-Universität Göttingen*
Funding: Doctoral scholarship grant from the President of the University of Rennes 1 (18 months) and from the ADEME (21 months)
- 2014-2016 **Master** Biodiversity Ecology Environment, specialty Management of Rural Areas and Suburbanisation - Grade “Very Good” *Université Rennes1, Rennes*
- 2013-2014 **Professional Bachelor** Biodiversity Sampling Techniques and Analysis
Grade “Very Good” *Université Claude Bernard Lyon1, Villeurbanne*
- 2011-2013 **Brevet de Technicien Supérieur Agricole (vocational training certificate)** Nature Management and Protection - Grade “Very Good”
Agriculture Highschool of Suscinio, Morlaix
- 2010-2011 **Preparatory Class** Biology, Chemistry, Physical Sciences, Geosciences
First year completed (grade A) *Clémenceau Highschool, Nantes*
- 2008-2010 **Scientific Baccalauréat**, specialty Physical Sciences and Chemistry, European English label
Grade “Very Good” *Sainte Anne Highschool, Sainte-Anned’Auray*

Interdisciplinary experiences and projects

- 2018/2020 **Values of soils and soil biodiversity in agricultural contexts across the European Union.** Semi structured interviews, Focus Groups (5 countries), text analysis of an agricultural journal.
- 2017 **Knowledge and perception of agriculture soils biodiversity by scientists and participants to a Bioblitz.** Preparation, use and analysis of a questionnaire.

- 2017 **Relation between viticulture landscapes perception and biodiversity sampled in vineyards.**
Questionnaires; statistical analysis of data in ecology and sociology; scientific communication (submitted paper, presentation: EGU, Vienne, Austria - 24.04.2017).
6 months *Individual traineeship, Center of Biodiversity and Sustainable Land Use, Universität Göttingen*
6 months *Civic service, UMR 6553 Ecobio, Université de Rennes 1*
- 2016 **Viticulture landscape role for the promotion of the Protected Designation of Origins "Coteaux du Layon" (49): a cultural ecosystem service?** Questionnaires analysis; semi-directive interviews; multivariate analysis on websites iconography content.
6 months *Master thesis, UMR 6553 Ecobio, Université de Rennes 1*

Disciplinary experiences: biodiversity sampling and habitat management

- 2014 **Sampling of parasites Hymenoptera of grapevine moths and other insects for biological control in a vineyard in Carcassonne.** Arthropods sampling and identification; monitoring and management suggestions; traineeship report transmitted to the Agriculture Chamber of the department (Aude).
3 months *Traineeship, Carcassonne*
- 2013-
2014 **Inventory of the Bryophytes of the township Four** in the context of a local biodiversity atlas: collecting, identification (1 new species on the departmental list) and writing of species description sheets.
14 weeks *Group (4 students) project for the NGO Gentiana*
- 2013 **Habitat management to favour the re-colonization by *Lycopodiella inundata* ((L.) Holub) of wet heathlands in the Regional Natural Reserve of the Venec (Brittany): flora diagnosis; technical management; poster and movie making to communicate about the project.**
4 months *Group (4 students) project for the NGO Bretagne/ivante*

Environmental education and public outreach activities

- 2018 *Café des sciences. In Maison Yves Rocher, Fête des Sciences, L'écologie autour d'un verre - rencontre avec de jeunes chercheurs, 12 October, La Gacilly, France.*
Nicolai A. and Hervé M.E.T. Le vignoble parle de son vin. In Fête des Sciences en Brocéliande-Station Biologique de Paimpont, 13 October, Paimpont, France.
Co-organization of a day to discover the biological field station of Paimpont (JADORR-SBP 2018) and to make researchers meet local stakeholders involved in nature conservation.
- 2016 *Biodiversité dans les paysages et les sols viticoles, esthétique des paysages viticoles. In Open-doors day of La Grézille vineyard - Independent wine-growers picnic, May, Ambillou-Château, France.*
- 2013 Co-organization of *Histoire de jeux et de savoirs-faire* (Stories about games and know-how). Cultural festival about traditional craftwork, know-how and traditional games. Collaboration with the township council of Morlaix and the local Youth and Culture House. Funding obtained from the program "Quinzaine de la Jeunesse ("Two weeks for the Youth"): 200€. *Group project (3 students)*

Supervising activities:

- 2020 Master 2 (Stacy Rossignol), University Rennes 1 – co-supervision
- 2019 Bachelor (Clémence Agasse), University Rennes 1 – co-supervision
Master 2 (group project: Arnaud Delbaere, Victoria Hamilton, Tanguy Balanant, Margaux Grosjean, Mélina Cointe), Agrocampus Ouest.

Teaching activities:

- 2020/21 25h. Scientific English (Bachelor 3); University Rennes 1.
- 2019 4h. Socioeconomic values of soil biota (SoilMan Summer School; PhD and master students, researchers); University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca.
- 2018 41h. Environmental Diagnostic (Bachelor 3), landscape aesthetics and practical survey (Master 2); University Rennes 1

Publications in peer-reviewed journals:

- M.E.T Hervé, M. Renault, E. Plaas, R. Schuette, M. Potthoff, G. Pérès, A. Nicolai (2021) How does soil biota matter in soil management in Europe? Exploring temporal dynamics and situation dependence in valuation processes. *International Journal of Agricultural Sustainability*, 10.1080/14735903.2021.1964260
- M.E.T Hervé, M. Renault, E. Plaas, M. Potthoff, D. Cluzeau, A. Nicolai (2020). From practices to values: farmers' relationship with their soils in Europe. *Sociologia Ruralis* 60(3): 596–620. Doi: 10.1111/soru.12303
- Nicolai, A., Guernion, M., Guillocheau, S., Hoeffner, K., Le Gouar, P., Ménard, N., Piscart, C., Vallet, D., Hervé, M., Benezeth, E., Chedanne, H., Blémus, J., Vernon, P., Cylly, D., Hotte, H., Loïs, G., Mai, B., Perez, G., Ouisse, T., Monard, C., Wiegand, C., Caudal, J.-P., Butet, A., Dahirel, M., Barbe, L., Balbi, M., Briand, V., Bormans, M., Charrier, M., Bouger, G., Jung, V., Le Lann, C., Pannard, A., Petillon, J., Rantier, Y., Marguerie, D., Tougeron, K., Devogel, P., Dugravot, S., Dubos, T., Garrin, M., Carnet, M., Gouraud, C., Chambet, A., Esnault, J., Poupelin, M., Welk, E., Bütof, A., Dubois, G., Humbert, G., Marie-Réau, O., Norvez, O., Richard, G., Froger, B., Rochais, C., Potthoff, M., Ayati, K., Bellido, A., Rissel, A., Santonja, M., Farcy, J.-O., Collias, E., Sene, L., Cluzeau, D., Supper, R. (2020). Transdisciplinary Bioblitz: Rapid biotic and abiotic inventory allows studying environmental changes over 60 years at the Biological Field Station of Paimpont (Brittany, France) and opens new interdisciplinary research opportunities. *Biodiversity Data Journal*, 8, e50451. Doi: 10.3897/BDJ.8.e50451
- M.E.T. Hervé, P. Boudes, C. Cieslik, D. Montebault, V. Jung, F. Burel, D. Cluzeau, S. Winter, A. Nicolai (2018). Landscape complexity perception and representation in a viticultural designation of the Loire Valley (France): a cultural ecosystem service? *Renewable Agriculture and Food Systems*, 35(1), 77–89. Doi:10.1017/S1742170518000273

Conferences:

● Talks

- M.E.T. Hervé*, C. Agasse, E. Plaas, R. Schuette, M. Renault, M. Potthoff, D. Cluzeau, G. Pérès, A. Nicolai (2019). Integration of values plurality in the implementation of soil management strategies by European farmers. *Soil Biodiversity Ecosystem Services in European Agriculture conference* 22-23 October 2019, Braunschweig, Germany.
- M.E.T. Hervé*, M. Renault, E. Plaas, H. Bergmann, T. Runge, M. Potthoff, D. Cluzeau, A. Nicolai (2018). Plural values associated with soil biodiversity among farmers in Europe. In *SFE², International Conference on Ecological Sciences*, 22-25 October 2018, Rennes, France.

- M.E.T. Hervé*, M. Renault, E. Plaas, H. Bergmann, T. Runge, M. Potthoff, D. Cluzeau, A. Nicolai (2018). Plural values associated with soil biodiversity among farmers in Europe. In *ISEE, 15th Congress of the International Society for Ecological Economics* 10-12 September 2018, Puebla, Mexico.
- M.E.T. Hervé*, P. Boudes, C. Cieslik, D. Montembault, V. Jung, F. Burel, D. Cluzeau, S. Winter, A. Nicolai (2017). Landscape complexity perception and presentation in a viticultural designation of the Loire Valley (France): a cultural ecosystem service? In *SFE², Rencontres d'Ecologie des paysages, 23-26 October 2017*, Toulouse, France.

● Posters

- M.E.T. Hervé*, M. Renault, D. Cluzeau, M. Potthoff, R. Schuette, E. Plaas, A. Nicolai (2019). Implementing the valuating milieu framework to investigate soils and soil biota values in Europe. *Soil Biota driven Ecosystem Services in European Agriculture conference, 22-23 October 2019*, Braunschweig, Germany.
- M.E.T. Hervé*, M. Renault, D. Cluzeau, M. Potthoff, R. Schuette, E. Plaas, A. Nicolai (2019). Soils and soil biota values for European farmers: investigating the existence of geographical variations using the valuating milieu approach. In *49th Annual Meeting of the Ecological Society of Germany, Austria and Switzerland, 9-13 September 2019*, Münster, Germany.
- M.E.T. Hervé*, A. Nicolai, M. Renault, H. Bergmann, T. Runge, D. Cluzeau, M. Potthoff, G. Pérès, E. Plaas (2018). National specific production systems may induce different perceptions of management impacts on soil biodiversity functions: comparison of five European countries. In *SFE², International Conference on Ecological Sciences 22-25 October 2018*, Rennes, France.
- E. Plaas*, A. Nicolai, M.E.T. Hervé, M. Guernion, K. Hoeffner, S. Winter, D. Cluzeau and H. Bergmann (2018). Effects on inter row soil cultivation in French vineyards – benefits for earthworms and economic implications. In *SFE², International Conference on Ecological Sciences 22-25 October 2018*, Rennes, France.
- E. Plaas*, A. Nicolai, M.E.T. Hervé, M. Guernion, K. Hoeffner, S. Winter, D. Cluzeau and H. Bergmann (2018). Effects on inter row soil cultivation in French vineyards – benefits for earthworms and economic implications. In *XIth International Symposium on Earthworm Ecology (ISEE), 24-29 June 2018*, Shanghai, China.

Seminars and workshops:

● Seminars

- Hervé* M.E.T. (2018). *Plural values associated with soil biodiversity among farmers in Europe* In Seminar of the UMR INRA/INP 1201 Dynafor laboratory, 22 November, Toulouse, France (invited).
- Hervé* M.E.T. (2018). *Effects of using cover crops in the inter-rows of vineyards. An ex-ante evaluation in France* In Journée OSUR/OSUNA, 26 June, Rennes, France.
- Hervé* M.E.T., Cluzeau D., Renault M., Potthoff M., Nicolai A., Bergmann H. (2018). *Determination of the values associated to soil biodiversity in agriculture in Europe using an integrative approach between ecology, sociology and economy.* In Assemblée générale de la Zone Atelier Armorique, 1 June, Rennes, France.
- Hervé* M., Guernion M., Fertel A., Jung V., Burel F., Cluzeau D., Nicolai A. (2017) *La biodiversité en contexte viticole peut-elle être bénéfique pour la production de vin et sa valorisation?* In Seminar of the UMR Univ Rennes/CNRS 6553 EcoBio, 16 June, Rennes, France.
- Nicolai* A., Hervé M. (2016) *Landscape in the vineyard AOC Coteaux du Layon - a cultural ecosystem service?* University of Economy and Environment, December, Nürtingen, Germany.
- Hervé* M., Nicolai* A. (2016). Différents regards sur les paysages du Layon? In Seminar of the UMR Univ Rennes/CNRS 6553 EcoBio, 16 June, Rennes, France.

● Workshops

- Nicolai* A., Renault* M., Hervé* M.E.T. (2018). *SoilMan, Ecosystem services of soil biota in agriculture.* In Workshop interdisciplinaire « Gestion durable des ressources naturelles et des territoires : regards croisés ». UMR 6211 CREM, faculté de sciences économiques de Rennes, 16 February, Rennes, France.

(* Speaker)