



# AMÉLINE VALLET

Dr. in Environmental sciences

## AFFILIATIONS

Tenured assistant professor at AgroParisTech (Paris, France).  
ESE and CIRED research units

*Ingénieur des Ponts, des Eaux  
et des Forêts* (French top class  
civil servant)

## RESEARCH INTERESTS

Landscape sustainability  
Environmental justice  
Ecosystem services modeling  
Natural resources governance

## CONTACTS

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l'Agronomie - 91123 Palaiseau  
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## ADDITIONAL INFORMATION

Languages: French (native),  
English (fluent), Spanish (fluent),  
Indonesian (basic)  
Citizenship: French  
Birth date: 19/01/1989

## EDUCATION

- 2018** Ph. D., AgroParisTech, Environmental sciences
- 2014** Executive M. Sc., AgroParisTech - École des Hautes Etudes Commerciales (HEC), Forest Management, Policy and Economics
- 2013** M. Eng., AgroParisTech, Life Sciences and Technology Specialization in Environmental engineering and landscape planning

## GRANTS

- 2023-25** Equity & ES, French ministry of Agriculture (140000€, Z. Pelta PhD)
- 2023-25** Equity & ES, Ville de Paris (140000€, L. Lejemtel PhD)
- 2023-25** JUICCCE project, MSH Paris Saclay (25000€), Co-PI
- 2023-25** JUICCCE project, GS Biosphera (6000€), Co-PI
- 2021-24** JUICCCE project, AG2R La Mondiale & Ademe (140000€, M. Mikou PhD)
- 2021-22** AGATA project, MSH Paris Saclay (6000€), PI
- 2020-21** AGATA project, ESE lab (10000€), Co-PI
- 2019-21** JUICCCE project, MSH Paris Saclay (30000€), Co-PI
- 2018-21** ESE young researcher dotation (16000€)

## HONORS

- ACES 2018 Conference Graduate Student Fellowship awarded by ACES Steering Committee to the most promising young researchers working on ecosystem services.
- Prix Jeunes Chercheurs COS-FRB 2018 awarded by the French Foundation for Research on Biodiversity (FRB) and the French Global Environment Facility (FFEM) to the best PhD thesis in the category "Research linking biodiversity and development issues in the Global South".

## PROFESSIONAL ACTIVITIES

- Reviewer for Ecosystem services, Nature Scientific Report, Land Use Policy, Journal of Environmental Planning and Management and Ecosphere (all reviewing activities are registered on WoS (<https://www.webofscience.com/wos/author/record/F-4037-2018>))
- IPBES Lead Author of the report assessment focusing on the interlinkages among biodiversity, water, food and health (2021-)
- Member of the scientific advisory board of the French national ecosystem assessment (Evaluation française des écosystèmes et des services écosystémiques, EFES). (2019-)
- Training all new entrants and currently serving A-level French state civil managers of administrations (program about "The ecological transition")
- Team member of the Transformative Adaptation Research Alliance (TARA) for the development of novel approaches to global change. (2016- )

## TEACHING AND SUPERVISION

Graduate lectures in Ecological Economics at AgroParisTech, Université Paris-Saclay and Ecole des Ponts ParisTech (140h)

**26**

interns  
supervision

**4**

PhD  
supervision

# WORK IN PROGRESS

- **Vallet A**, Dupuy S, Verlynde M, Gaetano R. Generating high-resolution land use and land cover maps for the greater Mariño watershed in 2018. Under review in *Earth System Science Data*.
- Mikou M, **Vallet A**, Guivarch C. Harmonized disposable income dataset for Europe at subnational level. Under review in *Nature Scientific Data*.
- Gonon M, **Vallet A**, Deschamps V, Oosterlinck A, Soubelet H, Dupuis L, Levrel H. Building a multidimensional Biodiversity Harmful Subsidies indicator to support transition policies: the case of France. Under review in *Ecological Economics*.
- Dade M, Bonn A, Eigenbrod F, Felipe Lucia M, Fisher B, Goldstein B, Holland R, Hopping K, Lavorel S, le Polain de Waroux Y, Macdonald G, Mandle L, Metzger JP, Pascual U, Rieb J, **Vallet A**, Wells G, Ziter C, Bennett E, Robinson B. Landscapes as a lens for assessing sustainability. To be submitted to *Ecosystems & People*.
- González-García A, Palomo I, Codemo A, Rodeghiero M, Dubo T, **Vallet A**, Lavorel S. Co-benefits of nature-based solutions exceed the costs of implementation. Under review in *Nature Ecology and Evolution*.
- Elleaume N, Locatelli B, Makowski D, **Vallet A**, Poulenard J, Oszwald J, Lavorel S. Uncertainties in future erosion under land-use and climate change in the Alps. Under review in *Climatic Change*.

# PUBLICATIONS

- **Vallet A**, Locatelli B, Valdivia-Díaz M, Quispe Conde Y, Matencio Garcia G, Ramos Criales A, Valverde Huamanñahui F, Ramos Criales S, Makowski D, Lavorel S. 2023. Knowledge coproduction to improve assessments of nature's contributions to people. *Conservation biology*. e14182
- Locatelli B, Laurenceau M, Calla Chumpisuca YR, Pramova E, **Vallet A**, Quispe Conde Y, Cervantes Zavala R, Djoudi H, Lavorel S, Colloff MJ. 2022. In people's minds and on the ground : Values and power in climate change adaptation. *Environmental Science & Policy* 137:75-86
- Quispe Conde Y, Locatelli B, **Vallet A**, Blas Sevillano R. 2022. Agroecología para la seguridad alimentaria y frente al cambio climático en Perú. *Economía Agraria y Recursos Naturales* 22, 5–29
- Pramova E, Locatelli B, Valdivia-Díaz M, **Vallet A**, Quispe Conde Y, Djoudi H, Colloff MJ, Bousquet F, Tassin J, Munera Roldan C. 2021. Sensing, feeling, thinking: Relating to nature with the body, heart and mind. *People and Nature* 2021;00:1–14
- Grosinger J, **Vallet A**, Palomo I, Buclet N, Lavorel S. 2021. Collective capabilities shape the co-production of nature's contributions to people in the alpine agricultural system of the Maurienne valley, France. *Regional Environmental Change* 21(4): 117
- Locatelli B, **Vallet A**, Tassin J, Gautier D, Chamaret A, Sist P. 2021. *Collective and individual interdisciplinarity in a sustainability research group: A social network analysis*. Sustainability Science 16:37-52 <https://doi.org/10.1007/s11625-020-00860-4>
- **Vallet A**, Locatelli B, Barnaud C, Makowski D, Quispe Conde Y, Levrel H. 2020. *Power asymmetries in social networks of ecosystem services governance*. Environmental Science and Policy 114:329-340 <https://doi.org/10.1016/j.envsci.2020.08.020>
- **Vallet A**, Locatelli B, Pramova E. 2020. *Ecosystem services and social equity: Who controls, who benefits and who loses?* Center for International Forestry Research (CIFOR) <https://www.cifor.org/knowledge/publication/7849>
- **Vallet A**, Locatelli B, Levrel H, Dendoncker N, Quispe Conde Y. 2019. *Linking equity, power, and stakeholders' roles in relation to ecosystem services*. Ecology and Society 24(2). <https://dx.doi.org/10.5751/ES-10904-240214>
- Hackenburg, D.M., Adams A, Brownson K, Borokini IT, Gladkikh TM, Herd-Hoare SC, Jolly H, Kadykalo AN, Kraus EB, McDonough KR, Morse JW, Sandhu SS, Tugjamba N, **Vallet A**. 2019. *Meaningfully Engaging the next Generation of Ecosystem Services Specialists*. Ecosystem Services 40, 101041 <https://doi.org/10.1016/j.ecoser.2019.101041>
- **Vallet A**, Locatelli B, Levrel H, Wunder S, Seppelt R, Scholes RJ, Oszwald J. 2018. *Relationships between ecosystem services: Comparing methods for assessing tradeoffs and synergies*. Ecological Economics 150: 96-106. <https://doi.org/10.1016/j.ecolecon.2018.04.002>
- **Vallet A**. 2018. *Tradeoffs between ecosystem services: From landscapes to stakeholders*. PhD thesis. AgroParisTech. <https://hal.archives-ouvertes.fr/tel-03022027/>
- Balvanera P, Calderón-Contreras R, Castro AJ, Felipe-Lucia MR, Geijzenborffer IR, Jacobs S, Martín-López B, Arbieu U, Speranza CI, Locatelli B, Harguindeguy NP, Mercado IR, Spierenburg MJ, **Vallet A**, Lynes L, and Gillson L. 2017. *Interconnected place-based social–ecological research can inform global sustainability*. Current Opinion in Environmental Sustainability 29:1–7. <https://doi.org/10.1016/j.cosust.2017.09.005>
- Locatelli B, **Vallet A**, Fedele G, Rapidel B. 2017. *Analyzing ecosystem services to manage territories*. In: *Living territories to transform the world*, Caron P, Valette E, Wassenaar T, Coppens d'Eeckenbrugge G, Papazian V. (eds.), Cirad-Quae, pp.108-113.
- **Vallet A**, Locatelli B, Levrel H, Brenes Pérez C, Imbach P, Estrada Carmona N, Manlay R, Oszwald J. 2016. *Dynamics of Ecosystem Services during Forest Transitions in Reventazón, Costa Rica*. PLoS ONE 11(7): e0158615. <https://doi.org/10.1371/journal.pone.0158615>