



Social scientist

Sustainability transitions of agri-food systems

Sibylle Bui

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French, 42 years old

Working languages: French, English, Spanish

EMPLOYMENT HISTORY

2020-	Post-doctoral researcher In the field of Territorial coordination for sustainability, agri-food transitions, at Centre National de la Recherche Scientifique/Université Côte d'Azur, GREDEG (France) In the frame of two projects (ANR Maturation BIDIME; Ecophyto CeraTIS) aimed at developing biocontrol technologies that require a territorial deployment and will not be of interest for biocontrol industries: ▪ Analysis of interests and values of local actors regarding potential avenues for innovative, multi-actor, territorial business models that would make alternatives to pesticides available for farmers ▪ Insights on technological ambiguity and how conflicting institutional logics may influence the diffusion process of innovations and impact/hinder their potential for profound change
2016-2018	Post-doctoral researcher In the field of Governance of sustainability transitions of agri-food systems, at Université Catholique de Louvain, CPDR (Belgium) ▪ Co-responsible for the second phase of the project FOOD4SUSTAINABILITY "Collective action for sustainable food systems in a changing climate: assessing social experimentations and policy innovations", BELSPO BRAIN, 2014-2018 ▪ Analysis of the impact of the development of local sourcing by supermarkets, based on ethnographic study of three cases, transdisciplinary workshops, cross-case analyses ▪ Insights on governance features and tools to create and optimize the conditions for transition mechanisms to take place
2012-2015	PhD student In the field of Agri-food territorial dynamics of sustainability transitions, at Institut National de la Recherche Agronomique (INRA), Dept. SAD, Ecodéveloppement/LISIS (France) ▪ PhD thesis: "For a territorial approach of ecological transitions: analysis of an on-going transition towards agroecology in Biovallée (1970-2015)" ▪ Responsible for a case study in the FP7 ERA-NET CORE ORGANIC project HEALTHY GROWTH, 2013-2015 (among several contributions to other EU and French ANR projects) ▪ Contribution to transition studies: 1) characterization of three transition mechanisms by which stakeholders may influence sociotechnical developments; 2) conceptualisation of niche-regime-interactions as a redefinition of the network of concerned stakeholders, leading to a reconfiguration of power relations; 3) demonstration of the relevance of the territorial scale to think and trigger sustainability transitions
2008-2011	Research engineer, assistant coordinator of the GEDUPIC ANR project on Innovation and Transitions in crop protection, at INRA, Dpt. SPE, ISA (France) ▪ Cross analysis of research findings ▪ Coord. activities: org. of working meetings and seminars; report writing; budget monitoring

2007-2008	Coordinator of the Union of Farmers' Cooperatives for Alpes-Maritimes (France)
2006-2007	Officer in charge of Cooperation and Wine growing at Conseil Regional Provence-Alpes-Côte-d'Azur, Dpt. Agriculture and Rural Dev. (France)

EDUCATION

2015	PhD in Social sciences , Agroparistech, France. Highest honour
2011-2012	Audited Master courses at EHESS, France
2003	Engineering degree in Agriculture, Environmental and Food sciences , specialised in territorial development and project management . Ecole Supérieure d'Agriculture d'Angers, France
2002	Academic exchange at the Dpt. of Rural Sociology and Dpt. of Agroecology Universidad Autónoma de Chapingo, Mexico
2001	Bachelor's degree in Ag., Env. and Food sciences , specialised in crop production Ecole Supérieure d'Agriculture d'Angers, France

TEACHING & SUPERVISION

2020-	Course ' Socio-Technical Approaches to Innovation ' in the Master of Science program BOOST - Biocontrol Solutions for Plant Health, (M1 + M2), at Université Côte d'Azur
2021-	Member of the PhD committee of Mirabelle Husson, "L'émergence de projets de stockage de carbone dans les sols agricoles : une gestion par l'expérimentation ?" on carbon storage in agricultural soil, PhD student at LISIS (CNRS, INRAE et Université Gustave Eiffel)

PUBLICATIONS AND PRESENTATIONS

Peer-reviewed articles

- Costa, I., **Bui, S.**, De Schutter, O., Dedeurwaerdere, T., 2022. "A network perspective to niche-regime interactions and learning at the regime level", *Environmental Innovation and Societal Transitions*, 43, p. 62-79.
- Bui S.**, 2021. "Enacting transitions - The Combined Effect of Multiple Niches in Whole System Reconfiguration". *Sustainability*, 13-11, 6135.
- Bui S.**, Da Costa, I., De Schutter, O., Dedeurwaerdere, T., Hudon, M., Feyereisen, M., 2019. "Systemic ethics and inclusive governance: two key prerequisites for sustainability transitions of agri-food systems", *Agriculture and Human Values*, p. 1-12.
- Rossi, A., **Bui, S.**, Marsden, T., 2019. "Redefining power relations in agri-food systems", *Journal of Rural Studies*
- Stotten R., **Bui S.**, Pugliese P., Schermer S., Lamine C., 2017. "Organic values-based supply chains as a tool for territorial development: a comparative analysis of three european organic regions", *International Journal of Sociology of Agriculture and Food*, 24-1, p. 135-154.
- Bui S.**, Cardona A., Lamine C., Cerf M., 2016. "Sustainability transitions: insights on processes of niche-regime interaction and regime reconfiguration in agri-food systems", *Journal of Rural Studies*, 48, p. 92-103.
- Lamine C., **Bui S.**, Ollivier G, 2016. "Pour une approche systémique et pragmatique de la transition écologique des systèmes agri-alimentaires", *Cahiers de Recherche Sociologique*, 58, p. 95-117.

Other articles

- Bui S.**, da Costa I., de Schutter O., Dedeurwaerdere T., 2017. "Governance of sustainability transitions: key values and features derived from Belgian initiatives aiming at introducing local products on supermarket shelves", Proceedings of the XXVII Congress of the European Society of European Sociology, p. 272-273.
- Lamine C., Egon N., **Bui S.**, 2016. "Maintien des valeurs dans la croissance de la bio. Enseignements du projet HealthyGrowth", *Innovations Agronomiques*, 51, p. 139-150.

- De Schutter O., **Bui S.**, Cassiers I., Dedeurwaerdere T., Galand B., Jeanmart H., Nyssens M., Verhaegen E., 2016. "Construire la transition par l'innovation locale : le cas de la Vallée de la Drôme", *LPTransition Working Paper Series* 2016-1, 28 p.
- Lamine C. et al., 2015. "Innovation variétale en Prunus, 1960-2013: les enseignements d'une analyse socio-historique co-construite avec les acteurs". *Le Courrier de l'environnement de l'Inra*, 65, p. 5-18.
- Bui S.**, Lamine C., Cerf M., 2013. "The solution is beyond the opposition - Breaking down the fence between conventional and organic values to secure trust and integrity", *Proceedings of the XXVth Congress of the European Society of European Sociology*, p. 17-18.
- Lamine C., Meynard J-M., **Bui S.**, Messéan A., 2010. "Réductions d'intrants : des changements techniques, et après ? Effets de verrouillage et voies d'évolution à l'échelle du système agri-alimentaire", *Innovations Agronomiques*, 8, p. 121-134
- Latxague E., Barzman M., **Bui S.**, Abrassard C., Ricci P., 2009. "ENDURE foresight study: a tool for exploring crop protection in Europe in 2030 and its implications for research" In: Feldmann F., Alford D.V., Furk C. (eds), *Crop Plant Resistance to Biotic and Abiotic Factors: Current potential and future demand*, p. 554-558

PhD Thesis

- Bui S.**, 2015. "Pour une approche territoriale des transitions écologiques - Analyse de la transition vers l'agroécologie dans la Biovallée (1970-2015)", thèse de sciences sociales, Agroparistech, 502p.

Book edition

- Ricci P., **Bui S.**, Lamine C., 2011. *Repenser la protection des cultures - Innovations et transitions*. Dijon/Paris : Educagri éditions/éditions Quae, Sciences en partage, 200 p.

Book chapters

- De Schutter O., **Bui S.**, Cassiers I., Dedeurwaerdere T., Galand B., Jeanmart H., Nyssens M. and Verhaegen E., 2021. "Renouveler l'action publique. Le programme Biovallée dans la vallée de la Drôme". In: De Schutter O., Dedeurwaerdere T. (eds), *L'Etat partenaire - Transition écologique et sociale et innovation citoyenne*, Louvain, Presses Universitaires de Louvain (under press)
- Lamine C., **Bui S.**, Carpentier A., De Sainte Marie C., Doussan I., 2011. "La mobilisation des acteurs publics et privés". In: Ricci P., Bui S., Lamine C. (eds), *Repenser la protection des cultures - Innovations et transitions*. Dijon/Paris : Educagri éditions/éditions Quae, Sciences en partage, p. 197-219
- Messean A., **Bui S.**, Munier-Jolain, N., Parisi L., Ricci P., 2011. "L'innovation repensée". In: Ricci P., Bui S., Lamine C. (eds), *Repenser la protection des cultures - Innovations et transitions*, Dijon/Paris : Educagri éditions/éditions Quae, Sciences en partage, p. 179-195
- Ricci P., Lamine C., **Bui S.**, 2011. "La gestion de la santé des cultures dans une optique de développement durable". In: Ricci P., Bui S., Lamine C. (eds), *Repenser la protection des cultures - Innovations et transitions*, Dijon/Paris : Educagri éditions/éditions Quae, Sciences en partage, p. 17-28

Presentations at international conferences

- Boutet M., **Bui S.**, Cajaiba Santana G., Parmentier Cajaiba A., 2021. "Institutional logics and the conflictual emergence of new agricultural practices", 12th International Symposium on Process Organization Studies, 1-4 September 2021, Rhodes, Greece
- Bui S.**, Costa I., 2018. "Targeting sustainable mass consumption through innovative governance arrangements", 9th International Sustainability Transitions conference, Manchester, United Kingdom, June 12-14
- Bui S.**, 2018. "A whole system approach to agency in transitions: Evidence of a combined effect of multiple niches", 9th International Sustainability Transitions conference, Manchester, United Kingdom, June 12-14
- Costa I., **Bui S.**, De Schutter O., Dedeurwaerdere T., 2018. "Learning for sustainability transitions: a discussion on the role of mainstream business actors towards more sustainable food systems", 9th International Sustainability Transitions conference, Manchester, United Kingdom, June 12-14
- Bui S.**, Costa I., de Schutter O., Dedeurwaerdere T., 2017. "Governance of sustainability transitions: key values and features derived from Belgian initiatives aiming at introducing local products on supermarket shelves", 27th Congress of the European Society of European Sociology, Krakow, Poland, July 24-27
- Marsden T., Rossi A., **Bui S.**, 2017. "Redefining power relations in agri-food systems: transformations, power configurations and practices", 27th Congress of the European Society of European Sociology, Krakow, Poland, July 24-27
- Costa I., **Bui S.**, Zwart T. A., 2017. "Organisational learning for sustainability transitions", 6th EMES International Research Conference on Social Enterprise, Louvain-la-Neuve, Belgium, July 3-6

- Costa I., **Bui S.**, Dedeurwaerdere T., 2017. "Organisational learning for sustainability transitions: a conceptual discussion about the role of mainstream businesses", 8th International Sustainability Transitions conference, Göteborg, Sweden, June 19-21
- Stotten R., Schermer M., Pugliese P., Lamine C., **Bui S.**, 2016. "A territorial approach to Values Based Food Chains – a comparison of three organic regions in Europe", 24th World Congress of Rural Sociology (IRSA), Toronto, Canada, August 10-14
- Schermer M., Lamine C., Pugliese P., Furtscgegger C., **Bui S.**, 2015. "Organic farming as a factor for territorial development: a comparative perspective", 26th Congress of the European Society of European Sociology, Aberdeen, United Kingdom, August 18-21
- Bui S.**, Lamine C., Cerf M., 2013. "The solution is beyond the opposition - Breaking down the fence between conventional and organic values to secure trust and integrity", 25th Congress of the European Society of European Sociology, Florence, Italy, July 29-August 1
- Cardona A., **Bui S.**, Lamine C., 2013. "The importance of niches' diversity in sustainable agri-food transition processes", 4th International Conference on Sustainability Transitions, Zurich, Switzerland, June 19-21
- Lamine C., **Bui S.**, Cardona A., Carneiro M.J., Garçon L., 2013. "Ecologiser les systèmes agri-alimentaires territoriaux : quelle place, quelle prise pour les agriculteurs ?", 5th Congrès de l'Association Française de Sociologie, Nantes, France, September 2-5
- Lamine C., Ricci P., Meynard J.M., Barzman M., **Bui S.**, Messéan A., 2009. "Intensification of winter wheat production: a path-dependency analysis", ENDURE International conference, La Grande Motte, France, October 12-15
- Latxague E., Barzman M., **Bui S.**, Abrassard C., Ricci P., 2009. "ENDURE foresight study: a tool for exploring crop protection in Europe in 2030 and its implications for research", 3rd International Symposium on Plant Protection and Plant Health in Europe, Berlin, Germany, May 14-16

Presentations at research colloquia/seminars

- Bui S.**, 2018. "La transition agroécologique dans la vallée de la Drôme : un système de valeurs remis en cause", invited lecture a CNRS/UCA GREDEG seminar "De l'agrochimie à l'agroécologie : une approche en termes de valeur(s) ", Sophia-Antipolis, France, December 8
- Bui S.**, 2016. "Mobiliser la théorie des transitions pour penser les changements agricoles et alimentaires : intérêts, points aveugles et perspectives", invited lecture on research seminar from INRA-SAD-SHS Transitions, Paris, France, September 13
- Lamine C., **Bui S.**, 2015. "Interactions entre bio et conventionnel : processus d'influence et de re-différenciation. Cas d'études ardéchois et drômois", invited presentation at research seminar INRA-GloFoods FORMAT seminar, Montpellier, France, November 30
- Bui S.**, 2014. "Le projet de Biovallée : des filières solides mais une dynamique encore en construction", presentation at research seminar "Dynamiques territoriales de transitions vers l'AB" from INRA-Ecodéveloppement, Eure, France, June 10
- Bui S.**, 2013. "Transitions vers l'agroécologie : une mise à l'épreuve de la perspective multi-niveau à l'échelle territoriale", presentation at *Summer School* of the Innovation Research Network, Université de Belfort, France, August 28-30
- Bui S.**, 2012. "Un panorama de la théorie des transitions sociotechniques", lecture at research seminar "Dynamiques territoriales de transitions vers l'AB" from INRA-Ecodéveloppement, Avignon, France, October 17

Contributions to Science/Society interactions

- Bui S.**, Boutet M., 2021. "Une enquête en sciences sociales pour un déploiement territorial de la TIS », presentation at the inauguration of PiloTIS, an pilot infrastructure for the deployment of the Sterile Insect Technique in France, Balandran, France, July 8
- Bui S.**, Tavernier P., 2020. "Approche territoriale des transitions vers l'agroécologie : la Biovallée de la Drôme", invited lecture at colloquia "Santé-Biodiversité" organised by the ISEE network, online, November 24
- Bui S.**, 2017. "Favoriser les transitions (agro)écologiques par l'action publique", invited lecture at Les Rencontres du Centre d'Etudes et Prospective, Ministère de l'Agriculture et de l'Alimentation, Paris, France, December 14
- Bui S.**, 2017. "Des outils pour penser les transitions", invited lecture at a workshop "Comment développer la transition écologique ? Des paysans et des citoyens passent à la pratique pour se réapproprier le droit à l'alimentation" from FIAN Belgium, Wellin, Belgium, July 2
- Bui S.**, 2017. "Des dynamiques de territoires pour construire la transition – le cas de la Biovallée en France", invited presentation at a workshop "Comment développer la transition écologique ? Des paysans et des

citoyens passent à la pratique pour se réapproprier le droit à l'alimentation" from FIAN Belgium, Wellin, Belgium, July 2

Lamine C., Meynard J-M., **Bui S.**, Messéan A., 2010. "Réductions d'intrants : des changements techniques, et après ? Effets de verrouillage et voies d'évolution à l'échelle du système agri-alimentaire", Carrefours de l'Innovation Agronomique, Versailles, France, May 6

Latxague E., Barzman M., **Bui S.**, Abrassard C., Ricci P., 2009. "ENDURE foresight study: a tool for exploring crop protection in Europe in 2030 and its implications for public policies", presentation at the European Parliament, Brussels, Belgium, April 15

PARTICIPATION IN RESEARCH PROJECTS

- BIDIME, Biodiversité des trichogrammes, Diversification des produits de biocontrôle et nouveaux Modèles économiques, ANR Ecophyto "Maturation", 2020-2022
- CeraTIS, Gestion Territoriale de la Ceratite en Corse par la Technique de l'Insecte Stérile, French Ministry of Agriculture, Ecophyto program, 2020-2022
- FOOD4SUSTAINABILITY, Collective action for sustainable food systems in a changing climate: assessing social experimentations and policy innovations, BELSPO BRAIN 2014-2018
- HEALTHY GROWTH in value-based chains: from niche to volume with integrity and trust, FP7 ERA-NET CORE ORGANIC 2013-2015
- RETHINK, Farm modernization and rural resilience, FP7 ERA-NET RURAGRI, 2013-2015
- PRUNUS, Réalités et perspectives de l'écologisation en arboriculture fruitière, APR Pesticides-Ecophyto 2018, 2012-2015
- DYNRURABIO, Dynamiques de développement de l'agriculture biologique pour une écologisation des territoires, ANR Systerra, 2011-2014
- GEDUPIC, Transitions et innovations en protection intégrée des cultures, ANR ADD, 2008-2011
- ENDURE, Diversifying crop protection, European Network of Excellence, 2008-2010

Reports

Bui S., 2022. CeraTIS WP3 – Enquête de perception et d'engagement communautaire, 13p.

Bui S., Da Costa I., De Schutter O., Dedeurwaerdere T., Dipierri A., Fernandez-Wulff P., Hudon M., Joachain H., Mathijs E., Zwart T-A., 2018. FOOD4SUSTAINABILITY: Collective action for sustainable food systems in a changing climate: assessing social experimentations and policy innovations. Final Report. Brussels: Belgian Science Policy Office (BRAIN-be Belgian Research Action through Interdisciplinary Networks), 86p.

Bui S., Lamine C., 2015. Full case study report: Biovallée, France. HealthyGrowth FP7 ERA-NET CORE ORGANIC II, 21p.

Lamine C., **Bui S.**, Cardona A., 2015. Healthy-Growth WP2 - Organic values-based food chains in France – State of the art review. HealthyGrowth FP7 ERA-NET CORE ORGANIC II, 27p.

Lamine C., Navarette M., **Bui S.**, Rousselle E., 2015. RETHINK Case Study Report.

OTHERS

Review work for journals

Sustainability: Science, Practices and Policy (2021); Journal of Agricultural and Environmental Ethics (2021); Agriculture and Human Values (2020, 2022); Journal of Rural Studies (2020); Agronomie, Environnement et Société (2020); Review of Agricultural, Food and Environmental Studies (2019); Economie Rurale : Agricultures, Alimentations, Territoires (2018)

Language editing

Machin Sosa B., Roque Jaime A.M., Avila Lozano D.R., Rosset P.M., 2012. Révolution agroécologique – Le Mouvement de Campesino a Campesino de l'ANAP à Cuba, ed. ANAP and La Via Campesina, 184p.