

# Jean-Christophe Castella

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8871735/publications.pdf>

Version: 2024-02-01

58  
papers

3,627  
citations

218592

26  
h-index

143943

57  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3655  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Comparing the input, output, and validation maps for several models of land change. <i>Annals of Regional Science</i> , 2008, 42, 11-37.   | 1.0 | 685       |
| 2  | Trends, drivers and impacts of changes in swidden cultivation in tropical forest-agriculture frontiers: A global assessment. <i>Global Environmental Change</i> , 2012, 22, 418-429.   | 3.6 | 460       |
| 3  | Expansion of rubber ( <i>Hevea brasiliensis</i> ) in Mainland Southeast Asia: what are the prospects for smallholders?. <i>Journal of Peasant Studies</i> , 2013, 40, 155-170.   | 3.0 | 209       |
| 4  | Participatory Simulation of Land-Use Changes in the Northern Mountains of Vietnam: the Combined Use of an Agent-Based Model, a Role-Playing Game, and a Geographic Information System. <i>Ecology and Society</i> , 2005, 10, .        | 1.0 | 195       |
| 5  | Combination of process-oriented and pattern-oriented models of land-use change in a mountain area of Vietnam. <i>Ecological Modelling</i> , 2007, 202, 410-420.  | 1.2 | 157       |
| 6  | Combining top-down and bottom-up modelling approaches of land use/cover change to support public policies: Application to sustainable management of natural resources in northern Vietnam. <i>Land Use Policy</i> , 2007, 24, 531-545. | 2.5 | 147       |
| 7  | Science for action at the local landscape scale. <i>Landscape Ecology</i> , 2013, 28, 1439-1445.   | 1.9 | 122       |
| 8  | Comparison of Three Maps at Multiple Resolutions: A Case Study of Land Change Simulation in Cho Don District, Vietnam. <i>Annals of the American Association of Geographers</i> , 2011, 101, 45-62.                                    | 3.0 | 118       |
| 9  | Effects of Landscape Segregation on Livelihood Vulnerability: Moving From Extensive Shifting Cultivation to Rotational Agriculture and Natural Forests in Northern Laos. <i>Human Ecology</i> , 2013, 41, 63-76.                       | 0.7 | 117       |
| 10 | Social networks and information access: Implications for agricultural extension in a rice farming community in northern Vietnam. <i>Agriculture and Human Values</i> , 2006, 23, 513-527.  | 1.7 | 110       |
| 11 | Swidden, rubber and carbon: Can REDD+ work for people and the environment in Montane Mainland Southeast Asia?. <i>Global Environmental Change</i> , 2014, 29, 318-326.   | 3.6 | 107       |
| 12 | A landscape mosaics approach for characterizing swidden systems from a REDD+ perspective. <i>Applied Geography</i> , 2012, 32, 608-618.  | 1.7 | 90        |
| 13 | Impact of forestland allocation on land use in a mountainous province of Vietnam. <i>Land Use Policy</i> , 2006, 23, 147-160.  | 2.5 | 88        |
| 14 | Territorialising Sustainable Development: The Politics of Land-use Planning in Laos. <i>Journal of Contemporary Asia</i> , 2012, 42, 581-602.  | 1.1 | 85        |
| 15 | The forgotten D: challenges of addressing forest degradation in complex mosaic landscapes under REDD+. <i>Geografisk Tidsskrift</i> , 2012, 112, 63-76.  | 0.4 | 76        |
| 16 | Agrarian transition and lowland–upland interactions in mountain areas in northern Vietnam: application of a multi-agent simulation model. <i>Agricultural Systems</i> , 2005, 86, 312-332.   | 3.2 | 72        |
| 17 | Toward a land zoning negotiation support platform: “Tips and tricks” for participatory land use planning in Laos. <i>Landscape and Urban Planning</i> , 2012, 104, 270-278.  | 3.4 | 68        |
| 18 | Analysis of village accessibility and its impact on land use dynamics in a mountainous province of northern Vietnam. <i>Applied Geography</i> , 2005, 25, 308-326.   | 1.7 | 63        |

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|----|---|-----|-----------|
| 19 | Measuring participation: Case studies on village land use planning in northern Lao PDR. <i>Applied Geography</i> , 2011, 31, 950-958.   | 1.7 | 46        |
| 20 | Understanding the drivers of deforestation and agricultural transformations in the Northwestern uplands of Cambodia. <i>Applied Geography</i> , 2019, 102, 84-98.   | 1.7 | 46        |
| 21 | A model of the scienceâ€“practiceâ€“policy interface in participatory land-use planning: lessons from Laos. <i>Landscape Ecology</i> , 2014, 29, 1095-1107.   | 1.9 | 38        |
| 22 | A multiscale gaming approach to understand farmer&#8217;s decision making in the boom of maize cultivation in Laos. <i>Ecology and Society</i> , 2018, 23, .  | 1.0 | 29        |
| 23 | â€œPLUP FICTIONâ€ Landscape Simulation for Participatory Land Use Planning in Northern Lao PDR. <i>Mountain Research and Development</i> , 2011, 31, 78-88.   | 0.4 | 28        |
| 24 | The SAMBA Role Play Game in Northern Vietnam. <i>Mountain Research and Development</i> , 2004, 24, 101-105.   | 0.4 | 27        |
| 25 | Using Multi-Agent Systems in a Companion Modelling Approach for Agroecosystem Management in South-East Asia. <i>Outlook on Agriculture</i> , 2007, 36, 57-62.   | 1.8 | 27        |
| 26 | Assessing the role of learning devices and geovisualisation tools for collective action in natural resource management: Experiences from Vietnam. <i>Journal of Environmental Management</i> , 2009, 90, 1313-1319.                                 | 3.8 | 27        |
| 27 | Participatory Approaches. <i>Understanding Complex Systems</i> , 2013, , 197-234.   | 0.3 | 27        |
| 28 | Uncertainty in establishing forest reference levels and predicting future forest-based carbon stocks for REDD+. <i>Journal of Land Use Science</i> , 2018, 13, 1-15.  | 1.0 | 25        |
| 29 | Engaging Local Communities in Low Emissions Land-Use Planning: a Case Study from Laos. <i>Ecology and Society</i> , 2013, 18, .   | 1.0 | 22        |
| 30 | Adapting Free, Prior, and Informed Consent (FPIC) to Local Contexts in REDD+: Lessons from Three Experiments in Vietnam. <i>Forests</i> , 2015, 6, 2405-2423.   | 0.9 | 21        |
| 31 | REDD+ on hold: Lessons from an emerging institutional setup in Laos. <i>Asia Pacific Viewpoint</i> , 2016, 57, 393-405.   | 0.8 | 19        |
| 32 | Co-designing innovative cropping systems that match biophysical and socio-economic diversity: The DATE approach to Conservation Agriculture in Madagascar, Lao PDR and Cambodia. <i>Renewable Agriculture and Food Systems</i> , 2016, 31, 452-470. | 0.8 | 18        |
| 33 | Lessons and Challenges in Land Change Modeling Derived from Synthesis of Cross-Case Comparisons. <i>Geotechnologies and the Environment</i> , 2018, , 143-164.  | 0.3 | 17        |
| 34 | A systems approach to understanding obstacles to effective implementation of IPM in Thailand: key issues for the cotton industry. <i>Agriculture, Ecosystems and Environment</i> , 1999, 72, 17-34.   | 2.5 | 16        |
| 35 | Landscape level analysis of the spatial and temporal complexity of land-use change. <i>Geophysical Monograph Series</i> , 2004, , 217-230.  | 0.1 | 16        |
| 36 | Vietnamâ€™s Forest Transition in Retrospect: Demonstrating Weaknesses in Business-as-Usual Scenarios for REDD+. <i>Environmental Management</i> , 2015, 55, 1080-1092.  | 1.2 | 16        |

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|----|--|-----|-----------|
| 37 | Farmer cooperatives are the missing link to meet market demands in Laos. <i>Development in Practice</i> , 2014, 24, 185-198.   | 0.6 | 14        |
| 38 | Investigating farmers' decision-making in adoption of conservation agriculture in the Northwestern uplands of Cambodia. <i>Land Use Policy</i> , 2021, 105, 105404.  | 2.5 | 14        |
| 39 | Connecting Marginal Rice Farmers to Agricultural Knowledge and Information Systems in Vietnam Uplands. <i>Journal of Agricultural Education and Extension</i> , 2006, 12, 109-125.   | 1.1 | 13        |
| 40 | A Nested Land Uses "Landscapes" Livelihoods Approach to Assess the Real Costs of Land-Use Transitions: Insights from Southeast Asia. <i>Land</i> , 2019, 8, 11.  | 1.2 | 13        |
| 41 | Development of a village-level livelihood monitoring tool: a case-study in Viengkham District, Lao PDR. <i>International Forestry Review</i> , 2013, 15, 48-59.  | 0.3 | 12        |
| 42 | Farmers' resource endowment and risk management affect agricultural practices and innovation capacity in the Northwestern uplands of Cambodia. <i>Agricultural Systems</i> , 2021, 190, 103067.  | 3.2 | 12        |
| 43 | Rural Roads Are Paving the Way for Land-Use Intensification in the Uplands of Laos. <i>Land</i> , 2021, 10, 330.   | 1.2 | 10        |
| 44 | To Till or not to Till? The Diffusion of Conservation Agriculture in Xieng Khouang Province, Lao PDR. <i>Outlook on Agriculture</i> , 2012, 41, 41-49.   | 1.8 | 9         |
| 45 | Modelling the location and spatial pattern of a crop boom. A case study from Laos. <i>Environmental Science and Policy</i> , 2019, 99, 58-71.  | 2.4 | 9         |
| 46 | A Participatory Simulation to Facilitate Farmers' Adoption of Livestock Feeding Systems Based on Conservation Agriculture in the Uplands of Northern Vietnam. <i>International Journal of Agricultural Sustainability</i> , 2004, 2, 118-132.                                      | 1.3 | 8         |
| 47 | Centralized planning and economic reforms in a mountainous region of Vietnam. <i>Journal of Contemporary Asia</i> , 2005, 35, 166-182.   | 1.1 | 7         |
| 48 | The Role of Actor Networks in Enabling Agroecological Innovation: Lessons from Laos. <i>Sustainability</i> , 2022, 14, 3550.   | 1.6 | 7         |
| 49 | Opportunities and constraints for adoption of maize-legume mixed cropping systems in Laos. <i>International Journal of Agricultural Sustainability</i> , 2020, 18, 427-443.  | 1.3 | 6         |
| 50 | Towards new modes of governance of the research?development continuum to facilitate the dissemination of agricultural innovations in a mountainous province of northern Vietnam. , 2004, 3, 77.  |     | 5         |
| 51 | Path coefficient analysis to assess yield losses due to a multiple pest complex in cotton in Thailand. <i>International Journal of Tropical Insect Science</i> , 2005, 25, .   | 0.4 | 4         |
| 52 | Participatory Approaches. <i>Understanding Complex Systems</i> , 2017, , 253-292.  | 0.3 | 4         |
| 53 | Methodological integration for sustainable natural resource management beyond field/farm level: lessons from the ecoregional initiative for the humid and sub-humid tropics of Asia. <i>International Journal of Sustainable Development and World Ecology</i> , 2002, 9, 383-395. | 3.2 | 3         |
| 54 | Explorer l'impact environnemental des transformations agraires en Asie du Sud-Est grce Ã l'valuation participative des services Ãcosystmiques. <i>Cahiers Agricultures</i> , 2021, 30, 3.  | 0.4 | 3         |

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|----|---|-----|-----------|
| 55 | New partnership mechanisms for integrated natural resource management: the Red River Basin (Vietnam) pilot region for operational ecoregional approach. <i>International Journal of Sustainable Development</i> , 2001, 4, 351. | 0.1 | 2         |
| 56 | Facilitating the Diffusion of Alternative Cropping Systems for Mountain Agriculture in Vietnam. <i>Agroecology and Sustainable Food Systems</i> , 2006, 27, 137-157.  | 0.9 | 2         |
| 57 | Impact des dynamiques agraires sur les paysages de montagne au nord du Vietnam au cours de la dÃ©cennie 1990. <i>CyberGeo</i> , 0, , .  | 0.0 | 0         |
| 58 | IntÃ©grer la notion de service Ã©cosystÃ©mique dans les politiques et les pratiques agricoles des pays du Sud. <i>Cahiers Agricultures</i> , 2022, 31, 9.   | 0.4 | 0         |