地域農林経済学会ニューズレター

The Association for Regional Agricultural and Forestry Economics 2024. 9.28 第 40 号

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1. 『農林業問題研究』発刊の案内 Publication of the Journal of Rural Problems 1-1 第 60 巻・第 3 号(第 235 号)目次 Table of Contents for Volume 60 Issue 3 (Issue 235)

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南石晃明 著『デジタル時代の農業経営学ー農業ビジネスの動向,経営理論,展望ー』

井上憲一

編集後記 Editor's Postscript

これまで約2年間,編集委員として審査業務に携わり,論文投稿者が査読者とのやり取りを経ながら投稿論文の完成度を高めていくのを何度か目の当たりにすることができた. 的確な審査結果,コメントを出せるかに関して,編集委員会の役割や意義が強く感じられたほか,会員どうしをつないでお互いを高め合うという役割についても再認識させられた. 編集委員会のオンライン・ミーティングを通じて他の先生方の考え方,新しい知識にも触れることができ,自分の研究・教育活動は今のままで良いのかと考えさせられる場面も少なからずあった. 会員どうしで交流,連帯する機会を確保することを意識しつつ,今後も学会活動に関わることができればと思う. (YM)

2. 第74回地域農林経済学会大会の開催案内 The 74rd Annual Meeting of the ARAFE



*詳細は学会HPをご覧ください(上記ポスターQRコード)。

https://a-rafe.org/6/0

3. 地域農林経済学会 2024 年度大会 国際シンポジウム

2024 International Symposium of the Association for Regional Agricultural and Forestry Economics

政策および実践におけるアグロエコロジーの 普及一われわれの研究・教育システムを転換 する一(主催:地域農林経済学会、後援:日本 有機農業学会)

座長: 増田忠義(近畿大学)

司会:関根佳恵(愛知学院大学)・高篠仁奈(立命

館大学)

2024年10月27日(日)10:00~12:30

2024 International Symposium of the Association for Regional Agricultural and Forestry Economics sponsored by the Japanese Society of Organic Agriculture Science

Scaling up Agroecology from the Policies to Practices: Transforming Our Research and Education Systems

Date: 10:00-12:30, Sunday October 27, 2024 (JST=GMT+9)

Venue: Ritsumeikan University + Online (Zoom Meeting) Language: English

Participation Fee: ARAFE full member 3,000 JPY, ARAFE student member 1,000 JPY,

Non-ARAFE member 4,000 JPY for attendees in person, Free for online

Chair: Assoc. Prof. MASUDA Tadayoshi (Kindai University)

Moderators: Prof. SEKINE Kae (Aichi Gakuin University), Assoc. Prof. TAKASHINO Nina (Ritsumeikan University)

Concept of the Symposium

To transcend the global challenges such as

climate change, biodiversity loss, hunger, social inequality and so on, the United Nations initiated the Scaling Up Agroecology Initiative at the Second International Symposium on Agroecology held in Rome in 2018. Echoing to this initiative, the countries in the Global North recently launched their respective new agri-food policies that state to transform their current food systems towards more sustainable ones. The European Green Deal in 2019 and Farm to Fork Strategy in 2020, the United States' Innovation Agenda in 2020, Japan's Strategy for Sustainable Food Systems (MIDORI) in 2021 are the parts of these efforts.

While the transformation of our agri-food research and education systems in public and private research institutions, universities, agricultural colleges and high-schools, extension centers are essential to achieving the goals declared in the above mentioned green agri-food policies or transcend them, the speed of paving the roads is heterogeneous among countries and regions. For example, Japan is one of the countries that need scale up and scale out its transformation of agri-food research and education systems.

Against this backdrop, the ARAFE organizes two consecutive international symposia on "Scaling Up Agroecology from Policies to Practices" in 2023 and 2024. In the international symposium of 2024 focuses on "Transforming Our Research and Education Systems". We invite three speakers who involved in the transformation of agri-food research and education systems in the UN, EU, and the US with interdisciplinary approaches.

Program

10:00-10:10 Welcome Address: President of

JARAFE, Prof. AKITSU Motoki (Kyoto University), President of JSOAS, Prof. KOMATSUZAKI Masakazu (Ibaraki University)

10:10-10:15 Opening: Assoc. Prof. MASUDA Tadayoshi (Kindai University)*

10:15-10:35 Presentation 1

Advancing Agroecology through Policy Dialogue and Advocacy at Different Levels: Focus on Initiatives Supported by FAO

Mr. FERRAND Pierre (Food and Agriculture Organization of the United Nations: FAO)

10:35-10:55 Presentation 2

The 'Agroecological Turn' in French Agronomic Research: New Areas of Knowledge and New Training Practices

Dr. CHIFFOLEAU Yuna (The National Institute for Research on Agriculture, Food and the Environment: INRAE)

10:55-11:15 Presentation 3:

Agroecological Research, Extension, and Education in California: A Case of the University of California, Santa Cruz

Dr. MURAMOTO Joji (University of California, Santa Cruz)

11:15-11:30 Comments

Prof. KANEKO Nobuhiro (Fukushima University), Asso. Prof. TANIGUCHI Yoko (Setsunan University)*

11:30-12:20 Discussions

12:20-12:25 Concluding Remarks
Assoc. Prof. MASUDA Tadayoshi (Kindai University)*

12:25-12:30 Closing Remarks: Vice President of ARAFE, Prof. MAHARJAN Keshav Lall* (Hiroshima University)

*=ARAFE Member

Presentation Content

Presentation 1: Advancing Agroecology through Policy Dialogue and Advocacy at Different Levels: Focus on Initiatives Supported by FAO

Mr. FERRAND Pierre (Food and Agriculture Organization of the United Nations: FAO)

Abstract:

In the next 35 years, we expect complex and interconnected challenges that will put an unprecedented pressure on agriculture. It is widely recognized already that the current food systems are not sustainable. They account for 80% of deforestation, 29% of greenhouse gas emissions and the leading share of biodiversity loss (UNCCD, Global Land Outlook, 2022). In particular, they currently threaten 86% of at-risk species and are expected to drive approximately 70% of the projected loss of terrestrial biodiversity (Chatham House & UNEP, 2021). Continued loss of biodiversity threatens pollination, natural pest control, and soil health—all ecosystem services upon which agriculture, global food security, and approximately 2.5 billion people's livelihoods depend (CBD, 2019). They also contribute to environmental pollution, land degradation and the scarcity of water resources, while being vulnerable to climate change. They do not address the triple burden of malnutrition (which concerns over 2 billion people) and they maintain social inequity and loss of cultural values. Also, climate change is already reducing food security and affecting water security for millions of people in many locations / communities and globally for Indigenous Peoples, small-scale food producers and low-income households (IPCC 6th assessment report).

Systemic responses are required to adapt agricultural

and food systems to the interrelated challenges posed by climate change. Agroecology is considered as a transformative pathway towards sustainable food systems.

In FAO, agroecology is seen as a holistic way to operationalize the new FAO Strategic Framework and promote transition to sustainable agriculture and food systems. It supports the 4 Betters (production, environment, nutrition, life) and integrates them to achieve efficient, inclusive, resilient and sustainable agri-food systems. A 4-pronged approach is promoted in line with FAO's mandate: 1/ Generating credibility evidence and strengthening of agroecology; 2/ Aggregating and disseminating agroecological knowledge; 3/ Testing implementing in the field through projects; 4/ Fostering policy dialogue and advocacy on agroecology.

After briefly introducing the global challenges we are up against, and the relevance of agroecology to help addressing them, this presentation will focus on 3 specific initiatives supported by FAO to advance agroecology through policy dialogue and advocacy at different levels (practitioners, legislative bodies, executive bodies).

First, we will introduce the regional (Asia-Pacific) Working Group on Agroecology established under FAO's TAP-AIS project to discuss the integration of agroecology into the agricultural education and extension systems. This working group is cofacilitated by FAO and the Asia-Pacific Islands Rural Advisory Services Network (APIRAS), in collaboration with the Asia-Pacific Association of Agricultural Research Institutions (APAARI).

Then, we will present the experience of the Latin American and Caribbean Parliament (PARLATINO) in drafting a model law on agroecology with the technical support from FAO (to advance agroecology through legislative support).

Finally, we will highlight the experience of

developing the ASEAN Policy Guidelines on agroecology transition as part of the support provided to the Lao facilitated initiative for agroecology in ASEAN by the Agroecology and Safe Food System Transition project (to advance agroecology through policy support to member countries).

Biography:

Mr. Ferrand holds a Master of Science in Agriculture, Environmental and Food Sciences and a Master of Science in Tropical Agriculture Development from respectively ISARA and CNEARC in France.

As an agronomist, specializing in tropical agronomy and rural development, he has been working for nearly 20 years in implementing food security, agriculture, and rural development projects in several countries, with a strong focus on Southeast Asia.

He has worked for over 13 years with a French NGO (GRET) in various countries from Africa and Asia. In particular, he facilitated the emergence of the Agroecology Learning Alliance in Southeast Asia (ALiSEA, https://ali-sea.org) as part of a regional project focusing on the Mekong Region (2015-2018). This contributed promoting an agroecological transition in Southeast Asia, bringing together all relevant stakeholders active in the field of Agroecology (Civil Society Organizations, Research centers, Government officials, Private sector).

He joined FAO in December 2018 and spent over 4 years in the regional office for Asia and the Pacific in Bangkok, Thailand as Agriculture Officer and Regional focal point for Agroecology and the UN Decade of Family Farming, providing backstopping and supervision to a broad range of projects. In July 2023, he moved to FAO HQ in Rome, Italy, where he works on agroecology and ecosystem services within the team "Ecosystem Approach to Crop Production Intensification" (NSPED) under the

Plant Production and Protection (NSP) Division. His role involves supporting the Agroecology Knowledge Hub, the Agroecology Coalition, the Global Action on Pollination Services for Sustainable Agriculture, and providing technical backstopping to a broad range of field projects.

Presentation 2: The 'Agroecological Turn' in French Agronomic Research: New Areas of Knowledge and New Training Practices

Dr. CHIFFOLEAU Yuna (The National Institute for Research on Agriculture, Food and the Environment: INRAE)

Abstract:

Agroecology is much more than a fusion of agronomy and ecology. Depending on the author, it can refer to an interdisciplinary field of research, a set of agricultural practices that make the most of natural regulators, or even a social movement in favour of small-scale, autonomous agriculture (Wezel et al., 2009). The aim of this paper is to show how French agronomic research has taken the 'agroecology turn' and contributed to the renewal of training in this field.

We will begin with a brief presentation of the four fields of knowledge highlighted in 2016 in the programme document of INRAE and CIRAD to meet the challenges of the agroecological transition (Côte, Soussana, 2016). We will then show how interdisciplinary programmes have been implemented in France to produce knowledge in these different fields, but also to cross-reference them.

However, as Meynard (2017) explains, agroecology does not just involve exploring new fields of knowledge at the interface between the life sciences and the social sciences. It also requires us to change the way we work: to develop systemic approaches;

to make the most of local knowledge and combine it with scientific knowledge; to reposition agriculture and farms within food systems; and finally, to relearn how to learn, by facilitating collective learning to encourage adaptation and innovation.

We will use two examples to show how research can move in this direction. The first example will be the European DIVINFOOD project, which relies on 9 multi-stakeholder living labs to develop knowledge and training on short and mid-tier chains valuing minor cereals and legumes in agroecology (Massari et al., 2023; Chiffoleau et al., 2024). The second example is the Local Food Mixed Technology Network, a scheme funded by the French Ministry of Agriculture of Food Sovereignty, which enables the co-construction of collective expertise and training for the development of local food systems enhancing agroecological practices.

From these two examples, we will conclude by highlighting how participatory research can influence the direction of public policy, so that factors favourable to agroecology are better taken into account.

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Massari S., Galli F., Mattioni D., Chiffoleau Y., 2023. Cocreativity in Living Labs: fostering creativity in cocreation processes to transform food systems. JCOM, 22(03), A03. https://doi.org/10.22323/2.22030203

Meynard J.-M., 2017. L'agroécologie, un nouveau rapport aux savoirs et à l'innovation. OCL, 24 (3). https://www.ocljournal.org/articles/ocl/full_html/2017/03/ocl170014/ocl1 70014.html

Wezel A., Bellon S., Doré T., Francis C., Vallod D., David C., 2009. Agroecology as a science, a movement and a practice. A review. Agronomy for Sustainable Development, 29, 503-515. https://doi.org/10.1051/agro/2009004.

Biography:

Yuna Chiffoleau is an engineer in agronomy, has a PhD in sociology and is director of research at the National Institute for Research on Agriculture, Food the Environment (INRAE) in France. Specialising in economic sociology, she is interested in how social organisations can shape a more sustainable, fairer and more democratic economy in northern countries. Applied to the agri-food sector, her work focuses in particular on the revival of short supply chains and the development of local food systems, which she analyses and supports from the perspective of agroecology in the broadest sense. She leads several interdisciplinary and participatory research projects on the development of more sustainable value chains and food systems, including the European DIVINFOOD project. She also comanages the joint technology network on local food in France (RMT Alimentation locale), through which she facilitates the co-construction of collective expertise and training on this theme. She is involved in a number of Masters-level courses, especially one at the University Paris-Saclay combining ecology and social sciences. Finally, she acts as an expert for public authorities at European, national and local level, as well as for private players, including large companies, as part of their corporate social responsibility strategy.

Presentation 3: Agroecological Research, Extension, and Education in California: A Case of

the University of California, Santa Cruz Dr. MURAMOTO Joji (University of California, Santa Cruz)

Abstract:

In California, the number one agricultural state in sales in the US (\$59 billion in 2022), large-scale monocultural specialty crop production dominates the agricultural landscape, and the concept of agroecology has yet to be fully recognized in policymaking. However, California also leads the US in organic production in sales (\$3.6 billion in 2021) and the number of certified organic farms (3,061 in 2021) and agroecological research has helped this growth for the last 40 years. This paper discusses the history, current status, and challenges of agroecological research, extension, and education in California, focusing on UC Santa Cruz (UCSC)'s agroecology programs.

[Research and Extension in organic strawberries] Organic strawberry research at UCSC began in the late 1980s when virtually no one believed such production was possible. Collaborating with Jim Cochran of the Swanton Berry Farm, UCSC's Stephen Gliessman conducted a comparative on-farm study of conventional and organic strawberries from 1987 to 1990, demonstrating that organic strawberry production is commercially viable with some price premium. Since then, UCSC's agroecology research team has conducted a series of studies to overcome production barriers in organic strawberry production, including soil-borne disease management using broccoli crop rotation and anaerobic soil disinfestation (ASD), and lygus pest management using alfalfa trap crops. A participatory Mother-baby trial was used to disseminate the newly developed ASD approach. These efforts greatly contributed to the expansion of organic strawberry acreage in California; as of 2023, organic strawberry acreage exceeded 2,000 hectares, representing 13% of total strawberry acreage in the state. [Agroecological education]: Gliessman started UCSC's agroecology undergraduate class in the Department of Environmental Studies, Division of Social Science in 1981

and published "Agroecology" textbook (the 1st ed. in 1997, and the 4th ed. in 2023). In 2020, an undergraduate agroecology major with a B.A. was developed in the Department, in which students will learn about ecological concepts that can be applied to developing sustainable agricultural systems and will develop their understanding of agriculture's social, political, and economic aspects. Students will also engage in hands-on experiences and obtain research, fieldwork, production, communication skills to achieve multiple sustainability goals in complex, social-ecological food systems. The UCSC Center for Agroecology used to have a six-month apprenticeship program for environmental horticulture to teach how to grow and market organic crops. In 2019, the program transitioned back to a student-managed farm. Currently, about 80 paid students manage the farm under the staff's supervision, and most of the fresh organic produce from the farm feeds on-campus students, of which many are food-insecure due to the extremely high living costs in Santa Cruz, via free organic salad bar at the campus cafeteria and other venues.

[Other agroecology programs] UC Davis and UC Berkeley also have strong Agroecology programs, and undergraduate students from these and UCSC campuses can intern at any of these campuses and UC Agriculture and Natural Resources programs across the state. Many agroecology-oriented non-profit organizations in

California strive to improve farmworkers' working conditions and support livelihoods, sustainable farming practices, and cultures of historically underserved "BIPOC" farmers.

Biography:

Dr. Joji Muramoto, a soil scientist and agroecologist, is an Assistant Cooperative Extension Organic Production Specialist at the University of California, Santa Cruz (UCSC). He received a B.S. (Ag.), M.S. (Ag.), and Ph.D. (agricultural chemistry majoring in soil science) from Tokyo University of Agriculture, Japan, and moved to UCSC as a researcher in 1996. Since then, he has been conducting research and extension on fertility and soilborne disease management in organic strawberries and vegetables in coastal California. In 2019, he was hired as the first specialist in the UC system fully dedicated to organic production with a statewide responsibility for research and extension in organic agriculture.

Symposium Coordinators

Executive Board Members for Internationalization of the Association for Regional Agricultural and Forestry Economics

Prof. SEKINE Kae (Aichi Gakuin University)

Asso. Prof. MASUDA Tadayoshi (Kindai University)

Asso. Prof. TAKASHINO Nina (Ritsumeikan University)

4. 2024 年度 地域農林経済学会中国支部大会の開催案内 Information on the 2024 Chugoku Branch Conference

下記の要領で、2024年度地域農林経済学会中国 支部大会(幹事校:鳥取大学)を開催いたしま す。当日は、日南町農業委員会のご協力の下、 中国地域で農村 RMO の設立を検討する団体の 参加も呼び掛けております。ご多用の折とは存 じますが、多数のご参加をお待ちしております。 なお、会場都合により、ご参加いただく際に は事前登録へのご協力を、よろしくお願い申し 上げます。また、後日のオンデマンド配信を希 望される方のご登録も同時に受け付けており ます。奮ってご登録ください。

-内容-

講演(各30分)

「地域まるっと中間管理事業への取組み実態」 一般社団法人笠木営農組合 副代表 石川哲嗣 一般社団法人 TARI 代表 糸田川啓 パネルディスカッション (約50分) テーマ「農用地保全に向けた取組みと 農村 RMO 設立の課題」

-開催概要-

日時: 2024年11月16日(土) 13:30~15:30(開 場13:00)

場所:日南町総合文化センター多目的ホール (鳥取県日野郡日南町霞 785)

参加費:無料

参加申込:下記 URL からお申込み下さい。 https://forms.gle/wP9vYwLYzamhA7ru7

登録期限:11/15



主 催 : 地域農林経済学会中国支部

協力:日南町農業委員会

連絡先: 鳥取大学農学部 木原奈穂子

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5. 会員検索システムの導入予定について Plans to introduce a member search system

ニューズレターおよびメールにて7月にお伝えしました,オンライン会員情報管理システム (e-naf)への会員検索機能搭載が10月より開始されます。

会員検索によって表示される情報は、従来発 行されていた紙版の会員名簿と同様に「漢字氏 名・会員種別・所属機関(非表示可能)・メールアドレス(非表示可能)・専門分野」となります。 e-naf に登録されている内容が会員情報として表示されますので、登録内容の確認・更新をお願いいたします。

6. 年会費の納入方法の変更について Changes to the annual membership fee payment method

これまで年会費は事務局からお送りする郵便 振替払込書にてお支払いいただいておりまし たが、2025年度分の年会費より、クレジットカ ード払いに変更となります。当面は郵便振替払 込書を併用いたしますが、数年後には原則、す べてクレジットカード払いといたします。

お支払いの情報がご登録いただいているメールアドレスに届くようになりますので、学会事務局からのメールアドレスが届いていない場合は、学会ホームページの「会員管理」よりご登録いただいているメールアドレスをご確認ください。

また、クレジットカードによるお支払いが困難な場合、学会ホームページの「入会・会員情報」に記載されている学会口座へのお振込みいただきますよう、よろしくお願いいたします。

Previously, the annual membership fee was paid using a postal transfer payment slip sent, but from 2025, payment will be changed by credit card. For the time being, we will also be using postal transfer payment slips, but in a few years, in principle, we will be making all payments by credit card.

Payment information will be sent to your registered email address on e-naf. If you have not received an email address from the society office, please check your registered email address from "Member Management" on the society website.

If you have difficulty paying by credit card, please transfer the payment to the society account written in the "Membership/Membership Information" section of the society website.

7. 長期学生会員について Long-Term Student Member

常任理事会において、長期学生会員の存在および対応の方法が議題として挙がりました。本来ならば、卒業時に本人より卒業/就職の旨を自己申告頂き、会員種別を学生から普通会員に切り替える必要がございます。ですが、5年以上(最も長い会員で19年)学生会員のままの方が10数名存在することがわかりました。

ご自身が学生会員に該当するか否か、今一度 確認および対応を願えたらと思います。なお、 大学院修了後、常勤的な職業に就いておられず、 継続して学生会員として登録申請する際は、下 記の連絡先に問い合わせください。

問合せ先:組織・広報担当 柴崎浩平 shibazaki.k@shse.u-hyogo.ac.jp

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会員相互のよりよいコミュニケーションにむけて、皆様からのご意見やご要望、ご提案をお待ちしております。 組織・広報担当常任理事(柴崎浩平 shibazaki.k@shse.u-hyogo.ac.jp または長命 洋佑 chomei@hiroshima-u.ac.jp) まで、積極的にお知らせ下さい。(柴崎)

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