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Title	Critical Engagements of NGOs' in Eco-bioethics in the Information Age: Communicative Logics and Strategies for Ecological Modernization?
Abstract	This essay draws on bio-ecological movements of non-governmental organizations (NGOs) at local and global levels, highlighting their communicative and action strategies in transnational advocacies, in and through which to reshape global as well as local (glocal) norms and actions for sustainable development. After discussing the context-contours of globalization and the informational world, against which glocal bio-ecological movements are organized by NGOs, Part 2 of the presentation examines and discusses the electronic mobilizations of NGOs and social activists, as well as those new social agencies, in defining, shaping and articulating their calls for (the differentiated forms and ethics of) ecological modernization, on the one hand; and the maximization of the leverage for their call through the advanced offerings and utilization of information and communication technologies (ICT), on the other. The presentation ends with remarks on the prospects of NGOs' critical engagements in both real and cyber-worlds, in articulating the debates and representation of bio-eco-ethics on the way to a new modernity.

Author	松本 健一 Ken'ichi Matsumoto 関西学院大学大学院 総合政策研究科 受託研究員、日本学術振興会 特別研究員(2007年07月1日現在) Fellow of Funded Research, Graduate School of Policy Studies, Kwansai Gakuin University (as of July 1, 2007)
Title	Analysis of CO ₂ Emissions Trading Considering the Kyoto Protocol Using a Multi-Agent Model
Abstract	In this study, a multi-agent simulation model is constructed and international emissions trading (IET) of CO ₂ considering the Kyoto Protocol is analyzed using it. Then, the results are compared with the "no IET" and the "theoretical IET". Unlike traditional economic methods, multi-agent models make analysis of complex social systems like emissions trading possible without strong assumptions. In the model, each country (region) behaves as an independent agent in the interactions and tries to abate CO ₂ emissions with minimum cost through decision making between self-abatement and IET depending on its local information. In the trade, offer prices are determined based on marginal abatement cost functions and strategies, and offer amounts are determined based on CO ₂ emissions and emissions rights. As a result, although the results of each simulation are similar, the states of trade are continuously fluctuating. From the comparisons with the no IET and the theoretical IET, it is revealed that the costs and the self-abatement amounts of the developed countries become smaller, the profit of economies in transition become larger, and the total cost becomes smaller by introducing IET assuming bounded rationality. However, these effects are far below those of the theoretical IET.

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Title	Training Critical Thinking through Content-based Language Teaching at the School of Policy Studies
Abstract	The English Language Program (ELP) at Kwansai Gakuin University's School of Policy Studies encourages development of critical thinking (CT) skills in two ways: through task-based, communicative language teaching and through content-based instruction with an emphasis on analysis, problem-solving, and self-reflection. The task-based, communicative approach to language teaching fosters immediate analysis and self-reflection skills, forcing students to evaluate their own understanding and find effective ways of communicating a message. The content-based approach offers a chance to students to develop CT in a more thoughtful and conscious way, solving policy-related problems, discussing both sides of an issue, or rebuking an argument from their opponent's point of view in a debate or essay. This article justifies the ELP approach and explains its methods and applications.

● Research Note

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Title	関西学院大学・地域・まち・環境総合政策研究センター研究報告(2) ～第2回研究発表要旨～ Research Note of Region, Town and Environment Policy Studies Center (2)

● Commentary

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Title	Lecture Delivered at the 6 th Annual Assembly of the Asia-Pacific Federation of Christian Schools, January 22-24 at Trinity University of Asia, Manila, Philippines "Christian Cross-Border Education"