



第162回 汽水域懇談会

When simple is more sophisticated than complex: making sense of freshwater models that operate in highly complex situations

参加希望者は以下に登録をお願いします。(1/24 (火)正午締切)

<https://www.leaf2.shimane-u.ac.jp/enquete/no/kisui162>

日時：2023年1月26日(木) 17:00 - 18:00

場所：ハイブリッド開催 (16:30からzoomを開設)
(センター 2階セミナー室とzoomを併用)

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【講演概要】 (講演は日本語を交えて英語で行います)

Policies aiming to set targets, to reflect and achieve community aspired goals, require guidance and support of evidence. When these changes move faster than available data and science, evidence become insufficient to confidently support decisions. Environmental management require continuous review of the situation. Freshwater models are already a central to this challenge.

New Zealand freshwater quality has declined due to agricultural intensifications. The government implemented a freshwater management principle called *Te Mana o te Wai* reflecting indigenous values. The principle makes the health and well-being of freshwater above human needs. The central and local governments are required to set national bottom-lines, location specific targets, and catchment management plans, all based on this principle.

Due to the fast-paced changes in policy, available data are insufficient to conclusively support many of such decisions. Demands on water quality models will continue to increase, as well as their expectations and responsibilities. How should we improve our modelling practices to maintain their 'fit-for-purpose' status?

講演者

Dr. Kohji Muraoka is a senior scientist for the Ministry for the Environment, New Zealand Government, focusing on national policy changes related to water and land use, and resource allocation. He is an adjunct research fellow and lecture at the University of Waikato and Victoria University of Wellington. See <https://scholar.google.com/citations?user=n8xdk7kAAAAJ> for his google scholar research profile .

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