



H3: Modelling the links between agriculture, climate change, and human health and nutrition

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Summary of themes covered in workshop

Climate change impacts on nutrient content (emphasis on micronutrients)

Income growth, climate change, productivity and nutrition

Effect of GHG taxation on food groups on health, carbon emission and society

Most controversial question that came up in this workshop?

Is adjusting proportions of research budget necessary to promote better research in micronutrients, fruits and vegetables?

Results of the discussion

Improved understanding of participants through panel discussion on the presentations

Research gaps identified

Little research on the effect of climate change on micronutrients

Distributional effects on nutrient availability and adequacy and access

Next steps

Representing different groups of population (e.g., Gini coefficients) in model

Model hypothetical changes in nutrient content under climate change

Work with crop researchers to assess effect of climate change under higher temperature and co2 concentration on nutrients
More work on improved modeling fruits and vegetables

Other

NA

3-5 keywords that characterize the session

Food and nutrition security, GHG taxation, income growth and climate change, micronutrients, agricultural R&D