Transforming Food, Land and Water Systems for Sustainable Healthy Diets

Shakuntala Thilsted is the Global Lead of Nutrition and Public Health at WorldFish. A native of Trinidad and Tobago and a citizen of Denmark, Shakuntala has over 25 years of research experience in food security and nutrition in low-income countries and is known for her tireless efforts to bring aquatic foods to the heart of the global science and policy discourse on sustainable food systems transformation.

Shakuntala was awarded the 2021 World Food Prize Laureate for her influential work on nutrition, fish and aquatic food systems.

11th October @ 12:45 CEST
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Lora Iannotti is an Associate Professor in public health at Washington University in St. Louis. She is also Director of the E3 Nutrition Lab, working to identify environmentally sustainable, evolutionarily appropriate and economically affordable nutrition solutions globally. In addition, she is currently a Visiting Scientist with ILRI.

She has also worked with UN agencies and NGOs. Lora received her doctorate from the Johns Hopkins University Bloomberg School of Public Health and has a Master of Arts in Foreign Affairs.

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Adeline Ufitinema is the Food and Nutrition Specialist at the National Child Development Agency in Rwanda, where among other responsibilities, she coordinates food and nutrition interventions, implemented by the social cluster ministries, donors, the UN, civil society and the private sector. She also manages different programs and projects related to nutrition and Early Child Development.

Previously, she has worked with the National Nutrition Coordination Secretariat fostering multi-stakeholder engagement in nutrition.

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Impact of *Girinka* program and *Gabura Amata Mubyeyi (parents, give milk)* intervention in Rwanda
EVALUATION DESIGN OF THE SBCC INTERVENTION - CLUSTER RANDOMIZED CONTROLLED TRIAL

1. Effect of the Girinka program on milk consumption and nutritional status of young children

2. Effect of the SBCC intervention on milk consumption, dietary diversity and nutritional status of young children in Girinka hh

Ruhango and Nyabihu Districts

ASF SBCC intervention

No ASF SBCC Intervention

GIRINKA plus SBCC
229 HHs with a Girinka cow

GIRINKA ONLY
229 HHs with a Girinka cow

GIRINKA ELIGIBLE
229 HHs without a Girinka cow but eligible for a cow
The SBCC messages were developed for the following 6 key elements:

- Importance and benefits of cow’s milk and ASF consumption for pregnant and lactating women and young children
- Appropriate daily quantities of ASFs and cow’s milk for pregnant and lactating women and young children
- Appropriate time to introduce ASFs and cow’s milk for pregnant and lactating women and young children
- Importance of identifying symptoms of milk allergy and intolerance and the actions to take
- Importance of hygiene and safe handling & storage of fresh milk
- Importance of male engagement for maternal and child nutrition and increase of cow’s milk and ASF consumption
KEY RESULTS

- *Gabura Amata Mubyeyi* (Parents, give milk) SBCC intervention:
  - Improved maternal knowledge of ASFs
  - Increased frequency of weekly milk consumption among children

![Graph showing increase in milk consumption](chart.png)
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Julie Bissonnette is a young farmer and the president of La Fédération de la Relève Agricole du Québec since 2018. She has been involved in the young farmers network for almost 10 years and is taking part in the World Farmers Organization’s Gymnasium capacity building program for young farmers.

After graduating from the Institut de Technologie Agroalimentaire in Québec, Julie has worked in various agriculture areas. Whether as an administrator at La Financière Agricole du Québec or as a representative on the Canadian Young Farmers Forum, her passions are defending the interests of young farmers and improving their daily lives and their future.

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Arun Padiyar has over 20 years of experience in fisheries and aquaculture and leads the WorldFish program in Odisha, India. Together with the Government of Odisha and partners, he works to combat malnutrition among children and women through nutrition-sensitive approaches to aquatic food systems.

Prior to his current assignment, Arun worked for organizations such as the Food and Agriculture Organization of the United Nations (FAO), the Network of Aquaculture Centres in Asia-Pacific as well as in the private sector. He holds a Ph.D in Aquaculture from Deakin University and a M.Sc. in Fisheries.

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Jenn Gerard Lovewell is Chief Nutrition Officer of Real Good Fish in California, U.S.A. She formerly served as the Director of Nutrition Services for the Monterey Peninsula Unified School District, where she prioritized local and sustainable procurement and co-founded the Bay2Tray program with Real Good Fish. Jenn has served as a Fresh Meals Schools Ambassador for the California Department of Education.

Jenn holds a B.Sc. in Nutrition from Colorado State University and a registered dietician nutritionist credential from California Polytechnic University.

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