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## THE CONTRIBUTION OF FISHERIES IN ACHIEVING SDGS: PERSPECTIVES OF WOMEN RESEARCHERS

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**Yumiko Kura** is the Director of WorldFish in Cambodia. She is an environment and natural resource management specialist with over 20 years of research and program management experience in fisheries policy, aquatic resource management, and biodiversity conservation, and has worked in various countries throughout Southeast Asia and Africa. In this capacity, she has exerted a leadership role in multi-disciplinary research for development projects of various sizes, with funding from donors including the Asian Development Bank (ADB), the Australian Centre for International Agricultural Research (ACIAR), and the US Agency for International Development (USAID). Much of her recent work focuses on ecosystem-based fisheries co-management in wetlands and floodplains in the Mekong River Basin and Myanmar. She holds a Master's degree from Clark University (Massachusetts, USA). She is originally from Kanazawa, Japan, and has been based in Phnom Penh, Cambodia since 2005.



# ABSTRACT

WorldFish is an international research organization with a mission to reduce poverty and hunger by improving fisheries and aquaculture. Our work focuses on sustainable small-scale fisheries and aquaculture in developing countries where impoversished persons rely on fish for purposes of livelihood and food security. When the Sustainable Development Goals (SDGs) came into effect in 2016, it was clear that WorldFish's work contributed most directly to Goal 14 - Conserve and sustainably use the oceans, seas and marine resources. However, a review of the specific targets of each SDG revealed a more complete picture. WorldFish puts people in the center of sustainble resource use and planning. That means that fish has an important role to play in nearly all of the SDGs, especially in terms of ending poverty (1), as well as achieving zero hunger (2), good health and well-being (3) and gender equality (4). Approaches to fisheries have been shifting from a focus on production technologies and yields, to scaling up and out to include questions around what is the role of fish in the context of household income portfolio, subsistence, nutrient supply, and governance (Curtin and Prellezo, 2010). When we put humans at the center, we also start to include questions of fair valuation of labor and benefit-sharing so that both women and men in different segments of society can enjoy equitable share of the benefits of this common pool resource, and a seat at the decision making table (FAO 2015). At WorldFish, we pursue gender as a cross-cutting theme, meaning we think it is important to apply a gender lense in all aspects of our work. WorldFish's researchers, both women and men, assess power dynamics and social norms that exist at community and household levels and create barriers for women to apply their knowledge and skills to solving the issues at hand. Then, by removing those barriers, we can begin to link our fisheries and aquaculture interventions with positive livelihood and nutritional outcomes at household and community levels (Cole, 2014). For the field of fisheries science to go the extra mile and become relevant to SDGs, researchers need to think out of the box and out of the comfort zones of their own individual expertise and space where they operate. Both male and female fisheries researchers need to build the skills and knowledge to apply gender transformative approaches to his or her work to ensure that research outcomes reach beyond fish production increases. Some examples of WorldFish's work illustrate practical applications of this thinking, including nutrition-sensitive fisheries and aquaculture, post-harvest value chains, and the role of fish in dietary diversity.

#### **KEYWORDS**

Benefit-sharing, Gender SDGs, Livelihoods, Nutrition

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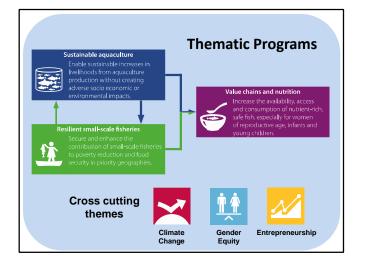
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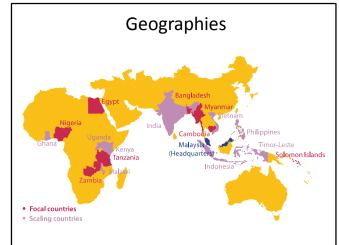
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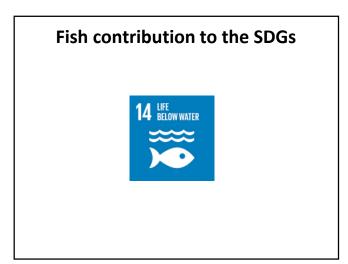


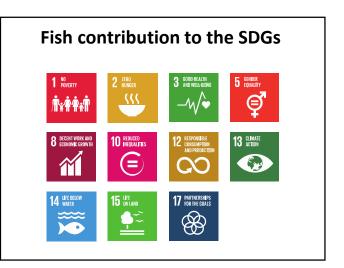




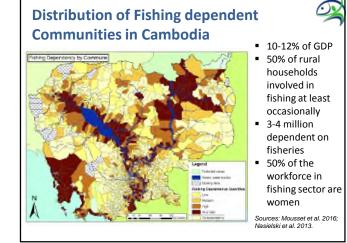




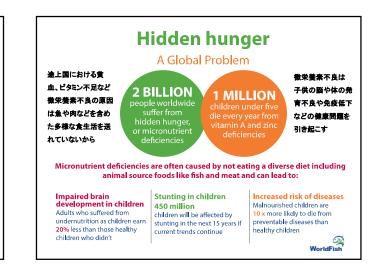


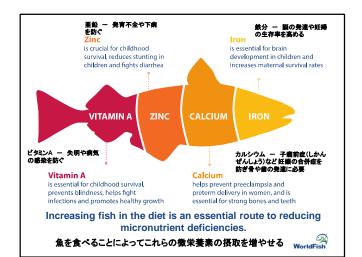






#### Fish for Food and Nutrition Security (SDG 2, 3) • 75% of the countries where fish contributes Globally, more than more than 1/3 of animal protein are billion 1 low-income food-deficit people obtain most of countries, where fish is their animal protein often the cheapest and from fish most accessible animalsource food. 世界中で10億人が 動物性たんぱく質の多くを 魚から摂取している



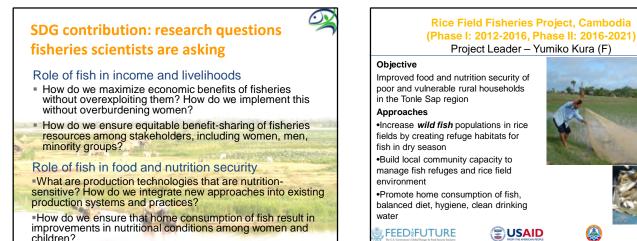




 Women's fisheries work is a key part of household food security strategies (Kawarazuka & Béné 2010)

(D'Souza & Tandon 2015)

- Women often primarily responsible for daily household food consumption
  - Directly through fishing (Bleige Bird 2007; Santos 2015)
    Indirectly through fisheries income (Gnimadi 2004)
- Women sometimes expected to eat less or last







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•Action research with communities to test interventions to improve dietary diversity and strengthening the role of fish, e.g.

 Cooking classes, backyard vegetable gardening, health and sanitation awareness

(WorldFish



