

Topics at the nexus of climate change, fisheries, and blue foods

A webinar series highlighting the impact of climate change on fisheries, aquaculture, and the communities who depend on them

September 2026: *Resilience of the Blue Economy, an initiative of GOAL Global*

Webinar Date/Time: September 24, 2026 13:00 US EDT (UTC-4)

[Register here](#)

Presentation 1: GOAL's Resilience of the Blue Economy programme

GOAL's food systems transformation framework shows how food and nutrition security can be improved by strengthening and transforming the systems that shape people's access to, availability and consumption of food. It combines market systems development, social and behaviour change, financial inclusion, sustainable natural resource management, climate and disaster risk management, and gender-transformative programming to build inclusive, healthy, sustainable and resilient food systems.

GOAL's Resilience of the Blue Economy programme is a practical example of this approach in fisheries food systems. It links sustainable small-scale fisheries, mangrove and coastal ecosystem restoration, inclusive governance, livelihood diversification, market access and women's economic participation. Rather than treating fisheries as a standalone sector, the programme addresses the interconnected ecological, social and economic conditions that determine whether aquatic foods can sustainably support nutrition, incomes and community resilience. It demonstrates how locally led, climate-resilient fisheries transformation can strengthen food systems while protecting the ecosystems on which coastal communities depend.

Webinar Presenter: **Aileen Wynne** is GOAL's Global Food & Nutrition Security Advisor and a Public Health Nutritionist with over 10 years' experience in humanitarian and development programming. She supports country teams across Latin America and the Caribbean, Africa, and the Middle East to design, adapt, and learn from programmes addressing the immediate and underlying causes of food and nutrition insecurity among vulnerable populations through a local systems approach.

Presentation 2: Identifying priorities and opportunities for strengthening resilience at community and systems levels

GOAL's two flagship resilience measurement tools, Analysis of Resilience in Communities–Disaster (ARC-D) and Resilience for Social Systems (R4S), work together to identify priorities and opportunities for strengthening resilience at community and systems levels. ARC-D works with communities to assess risk and resilience, identify priorities for action, and highlight the critical systems that underpin resilience. R4S uses a participatory, systems-based approach to understand how these systems, including food and market systems, can continue to function effectively and inclusively during shocks and stresses. Together, the tools generate locally grounded evidence to inform more resilient, inclusive and sustainable programming.

ALERT - Anticipatory, Locally-led, Early-warning for Resilience and Transformation - is GOAL's integrated framework for early warning systems (EWS) and anticipatory action (AA) for climate resilience. It provides a coherent approach to generating and communicating risk information and warnings, and to using that information to take timely action that reduces the impacts of disasters. ALERT takes the community- and

systems-level analysis generated through ARC-D and R4S forward by ensuring that community knowledge and priorities shape early warning and anticipatory action, while local systems are supported to access, interpret and respond to risk information, with the aim of safeguarding the critical goods, services and resilience gains that communities rely on when crises occur.

Webinar Presenter: **Alison Sneddon** is GOAL's Global Climate Resilience Advisor, with over ten years' experience in disaster risk reduction, including early warning systems, anticipatory action, nature-based solutions, and resilience governance. She leads technical strategy and supports programmes across multiple countries to develop equitable, people-centered approaches to climate and disaster risk management.

Presentation 3: Sustainable fishing practices in La Guajira, Colombia

This webinar presents participatory fisheries research undertaken with artisanal fishing communities in La Guajira, Colombia, to address linked challenges of sustainable livelihoods, native species conservation, and invasive lionfish management. Working with fishers and crab harvesters from the beginning, the research combined local ecological knowledge with field monitoring, catch assessments, and trials of practical fishing gear—including pots, modified nets, and more selective trap designs. The studies examined sustainable management options for blue land crab, approaches to controlling lionfish in deeper waters, and opportunities to improve the environmental and economic performance of artisanal fishing practices. The session will share the key findings and recommendations emerging from this community-centered work, including the value of co-management, safer and more selective gear, protection of habitats and reproductive periods, and market opportunities that reward sustainable practices. It will also explore how meaningful participation throughout the research process can build local ownership, strengthen skills and trust, and support community-led behaviour change toward more resilient and sustainable fisheries.

Webinar Presenter: **Daniela Torres** is GOAL's Blue Economy Specialist with over 10 years experience in GOAL's Resilience of the Blue Economy programme in Honduras leading in programme design, delivery, learning and applied research, working directly with coastal indigenous and Afro-descendent small scale fishing communities across the Pacific and Caribbean coasts of Honduras. She also provided technical support to the expansion of the programme across the region to Guatemala, El Salvador and Colombia.



This webinar series is jointly hosted by the UN Ocean Decade Programs [Blue Food Futures](#), [Fisheries Strategies for Changing Oceans and Resilient Ecosystems \(FishSCORE\)](#), [Sustainability, Predictability, and Resilience of Marine Ecosystems \(SUPREME\)](#), [Sustainability of Marine Ecosystems through Global Knowledge Networks \(SmartNet\)](#), and [Fisheries and Marine Ecosystem Model Intercomparison Project \(FishMIP\)](#) and endorsed project [Basin Scale Events to Coastal Impacts \(BECI\)](#). This webinar series highlights current efforts and challenges at the climate-fisheries nexus. Presentations and discussions will range from data-driven efforts to better understand oceanographic and biological changes affecting fisheries, to how the results can be used to inform fisheries management, aquaculture, and sustainable food decisions, to the many ways people and broader communities are being impacted by and adapting to changes in marine ecosystems and marine resource use.