

**The Ocean
Foundation's
International Ocean
Acidification
Initiative:**

**An Update on
Achievements Against
SDG 14 Voluntary
Commitment**

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Communities of Ocean Action Meeting
May, 2019



What is The Ocean Foundation?

- The Ocean Foundation (TOF) is the only community foundation for the ocean
- Our mission is to support, strengthen, and promote those organizations dedicated to reversing the trend of destruction of ocean environments around the world

TOF's International Ocean Acidification Initiative

- Founded in 2003 to help vulnerable human communities **understand** changes in ocean chemistry, **monitor** the changes in their waters, **assess** the risks to their social and economic health, and **address** the effects with good policy based on strong science



Our work is made possible by our partners



Ocean Acidification
International
Coordination Centre
OA-ICC



Smithsonian Tropical Research Institute



Commonwealth
Marine
Economies
Programme



Deliverable	Achievement to Date
<p>Capacity building through the training of 120 scientists in ocean acidification monitoring techniques through six regional training workshops (two in South America, one in the Arctic, one in the Caribbean, one in Africa, and one in the Pacific Islands). Scientists who receive training will be eligible to receive all equipment and materials needed to collect high-quality ocean chemistry data.</p>	<ul style="list-style-type: none"> • 6 regional trainings held • Over 100 scientists trained • One new regional monitoring hub formed
<p>Increased monitoring capabilities through the development and delivery of 12 GOA-ON in a Box Kits.</p>	<ul style="list-style-type: none"> • 17 kits delivered to 16 countries
<p>Increased international collaboration and research through support for the Pier-2-Peer mentorship program, regional convening calls, five four-week internships for junior-level scientists per year, for a total of 12 internships and 18 travel opportunities.</p>	<ul style="list-style-type: none"> • 9 Pier-2-Peer scholarships awarded • 4 travel grants awarded
<p>Increased global policy and mitigation efforts through international and domestic stakeholder engagement, communication to policy makers, and support for drafting legislation (including one policy convening meeting per year, five international policy stakeholder trips, and five domestic policy stakeholder trips, for a total of three policy convenings, 15 international policy stakeholder trips and 15 domestic policy stakeholder trips).</p>	<ul style="list-style-type: none"> • 2 regional policy trainings • 1 national policy training • 1 regional resolution introduced • Over 50 policymakers trained • 1 policy toolkit developed



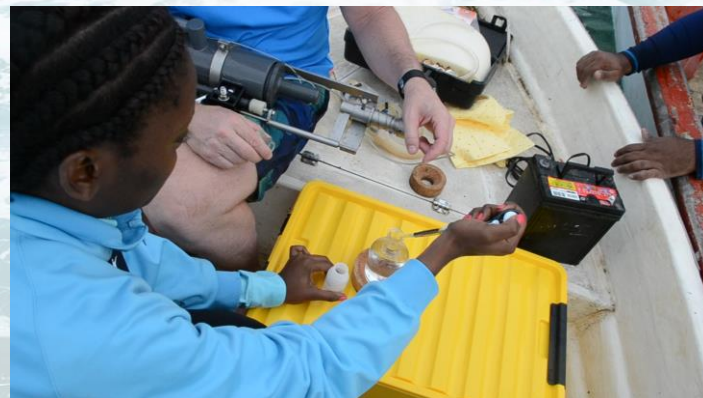
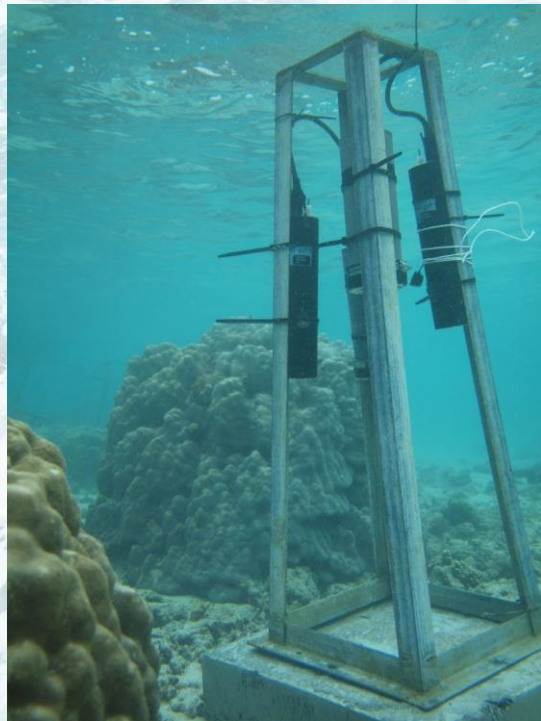
Evolution of Capacity Building



Evolution of Capacity Building



Training and Technology Transfer: Building "GOA-ON in a Box"





Fiji

Thanks to TOF's trainings, [three groups of researchers](#) at the University of the South Pacific and the University of Fiji are conducting OA research. They have received [funding to expand](#) their work and acquire more GOA-ON in a Box kits.

Ecuador

TOF is supporting researchers in the Galapagos with establishing the [first continuous monitoring program in Ecuador](#). They will monitor three sites in Ecuador, including a CO₂ seep site that may provide a critical research site for the global community.

Mauritius

The two kit recipients in Mauritius have [built a permanent, national monitoring program](#), securing multiple national and international grants to expand their work. They [now lead trainings](#) in the Western Indian Ocean region for scientists new to ocean acidification.



Looking Ahead

2019 and Beyond

- National level legislative drafting sessions
 - Requests from [governments of Fiji and Marshall Islands](#) to assist with national legislation
 - Training for [national and state senators](#) in Mexico
- Partnership with Commonwealth Blue Charter
 - Potential for [Commonwealth-wide](#) science and policy trainings
- Building Resilience in the Seafood Sector
 - Pilot project to [reduce cost](#) of hatchery-based adaptation systems
 - Creation of, training on, and delivery of [adaptation kit for seafood](#)



Looking Ahead

2019 and Beyond (ctnd.)

- Continued Growth of Capacity Building and Workshop Delivery
 - Growth of the Pier-2-Peer [Scholarship Fund](#)
 - Development of [multi-year training schedule](#) with [training hubs established worldwide](#)
 - Development of new kits and delivery of equipment to [establish new monitoring centers](#)
 - Arctic capacity building through launch of [community-driven capacity building](#) across the arctic, with research [vessel based training](#)





Thank You

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