



GOA-ON is a collaborative international approach to document the status and progress of ocean acidification in open-ocean, coastal, and estuarine environments, to understand the drivers and impacts of ocean acidification on marine ecosystems, and to provide spatially and temporally resolved biogeochemical data necessary to optimize modeling for ocean acidification.

[www.goa-on.org](http://www.goa-on.org)



## Three high level goals:

- Improve our understanding of OA conditions
- Improve our understanding of ecosystem response to OA
- Acquire and exchange data and knowledge required to optimize forecasts for OA and its impacts

## Recent updates:

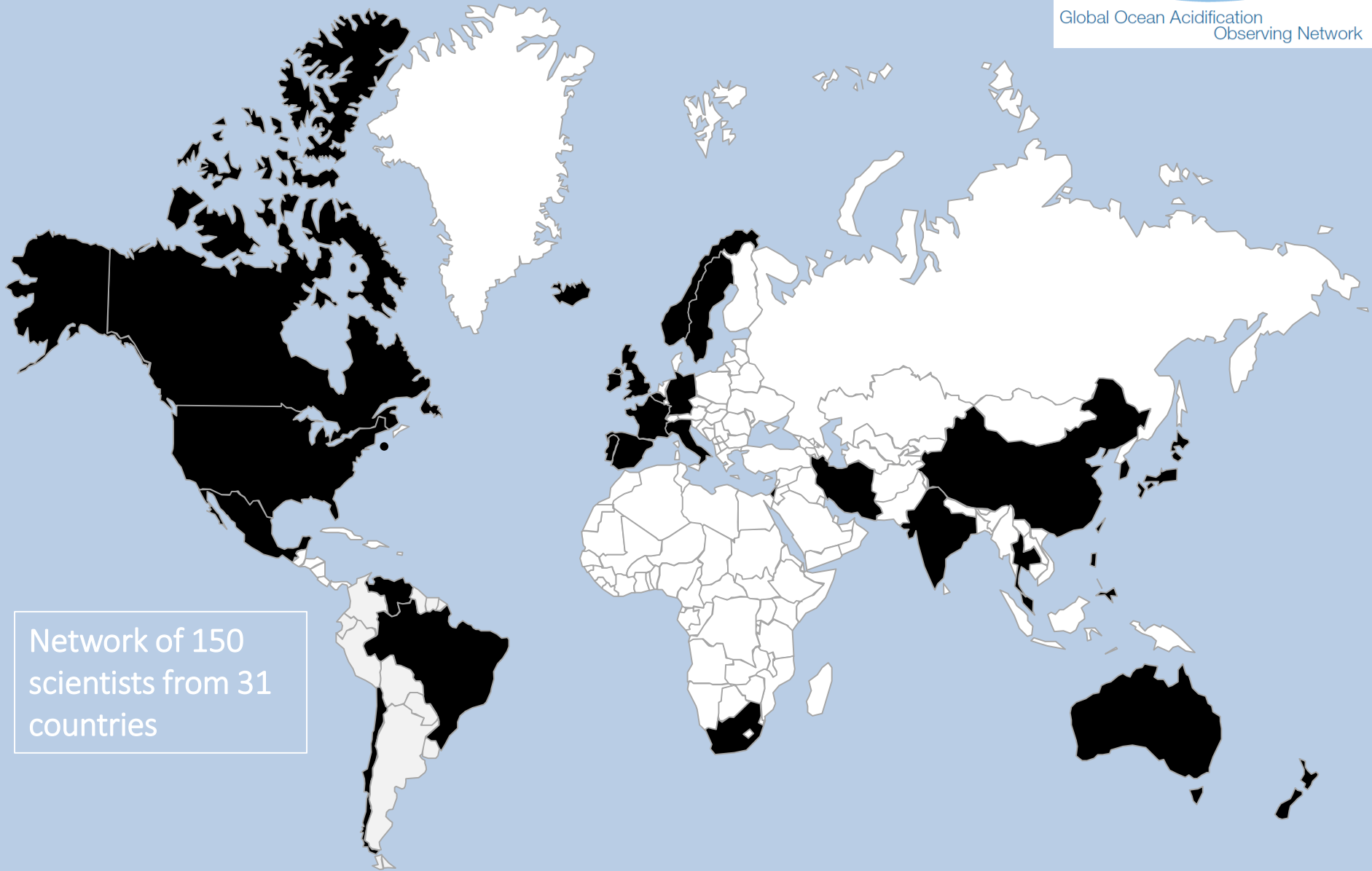
- Establishment of a Distributed Secretariat, with members placed in US NOAA, IOC-UNESCO, and IAEA, and technical staff at University of Washington and NOAA
- Newly established regional hubs: North East Atlantic, North America, Pacific Islands & Territories

# Countries included in the Global Ocean Acidification Observing Network (GOA-ON)



- |               |           |                  |                   |
|---------------|-----------|------------------|-------------------|
| Algeria       | Ecuador   | Lebanon          | Portugal          |
| Angola        | Egypt     | Madagascar       | Samoa             |
| Argentina     | Fiji      | Malaysia         | Sénégal           |
| Australia     | France    | Mauritius        | Seychelles        |
| Bangladesh    | Germany   | Mexico           | Solomon Islands   |
| Barbados      | Ghana     | Micronesia       | Somalia           |
| Belgium       | Greece    | Morocco          | South Africa      |
| Belize        | Hong Kong | Mozambique       | Spain             |
| Benin         | Iceland   | Myanmar          | Sweden            |
| Bermuda       | India     | Namibia          | Switzerland       |
| Brazil        | Indonesia | Netherlands      | Taiwan            |
| Cameroon      | Iran      | New Caledonia    | Tanzania          |
| Canada        | Ireland   | New Zealand      | Thailand          |
| Chile         | Israel    | Nigeria          | Tonga             |
| China         | Italy     | Norway           | Trinidad & Tobago |
| Colombia      | Jamaica   | Oman             | Turkey            |
| Cook Islands  | Japan     | Palau            | UK                |
| Costa Rica    | Jordan    | Panama           | USA               |
| Cote d'Ivoire | Kenya     | Papua New Guinea | Vanuatu           |
| DR Congo      | Korea     | Peru             | Venezuela         |
| Cuba          | Kuwait    | Philippines      |                   |

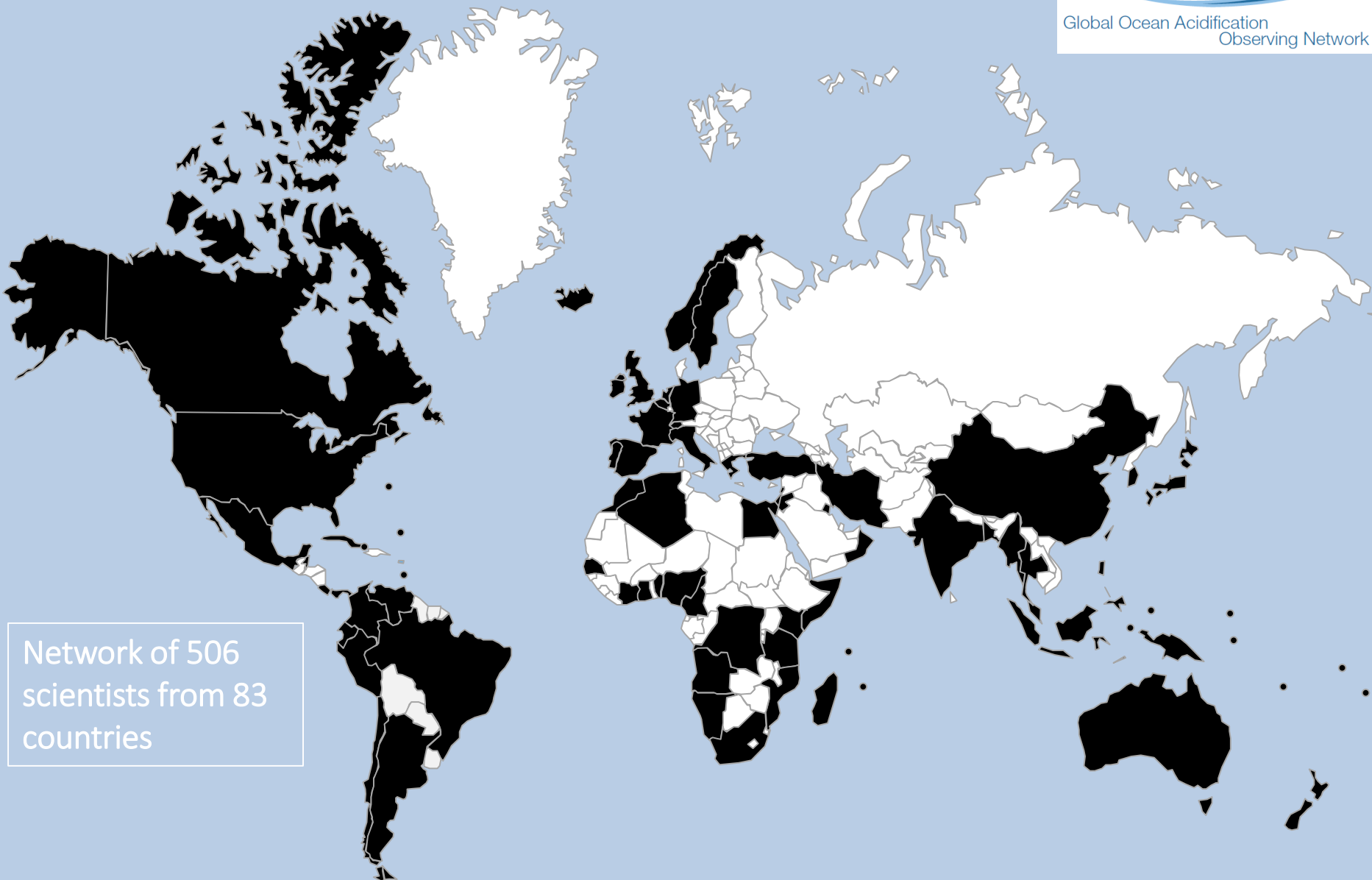
# GOA-ON in 2013



Network of 150  
scientists from 31  
countries

Data from validated 1<sup>st</sup> & 2<sup>nd</sup> GOA-ON workshop participant lists (Seattle, Washington 2012 and St. Andrews, UK 2013)

# GOA-ON in 2018



Network of 506  
scientists from 83  
countries

Data from [www.goa-on.org](http://www.goa-on.org) current members list.

Excluding representatives of UN bodies