



Data Revolution to Zero Hunger

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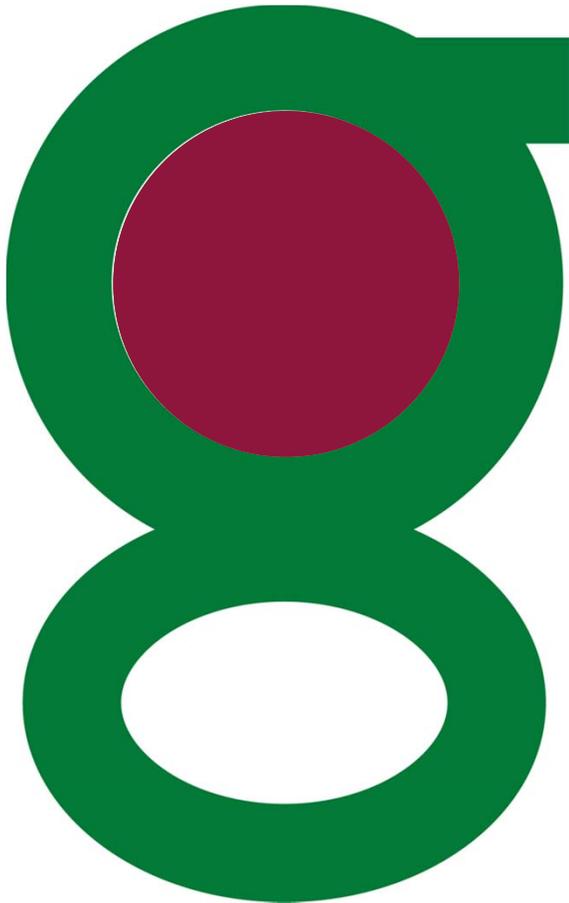
Data Revolution to Zero Hunger

World population is predicted to grow to 9 billion by 2050, global demand for food, feed and fiber is predicted to **nearly double**.

Open agriculture and nutrition data is a **powerful tool** for long-term sustainable development, improving the economic opportunities for farmers and contributing to the health of all consumers.

Increased availability and more effective use of data has the potential to be a **vital resource** for long-term sustainable development and a powerful driver for realizing and tracking progress towards the Sustainable Development Goals.





What is GODAN? www.GODAN.info

Launched in 2013, GODAN supports global efforts to make data relevant to agriculture and nutrition **available, accessible, and usable for unrestricted use worldwide.**

Voluntary association of public and private entities including donors, international organizations and businesses who have agreed to a joint Statement of Purpose.

Rapidly growing initiative, currently with over **530 partners** from non-governmental, international and private sector organizations and national governments.



Global Network of Partners

www.GODAN.info



<http://www.godan.info/become-a-godan-partner>

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National Centers for Environmental Information

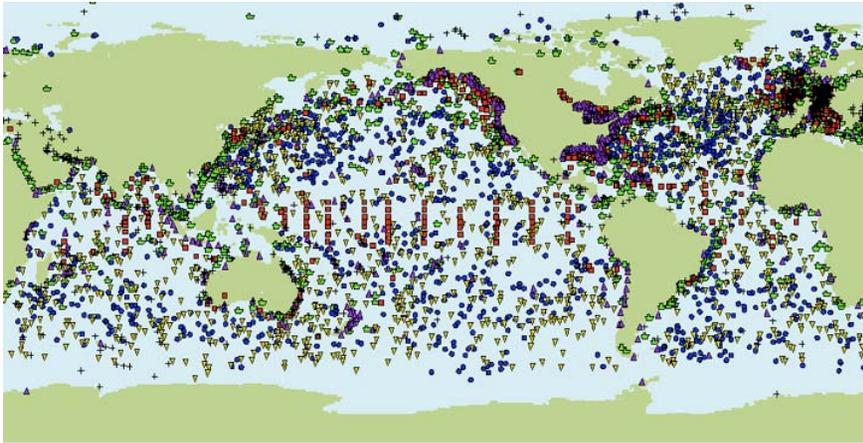
<https://www.ncei.noaa.gov/>

One of the most significant archives on Earth, with comprehensive oceanic, atmospheric, and geophysical data – archiving over **26 terabytes per month** from over 130 observing platforms with over **25 petabytes historical available**.

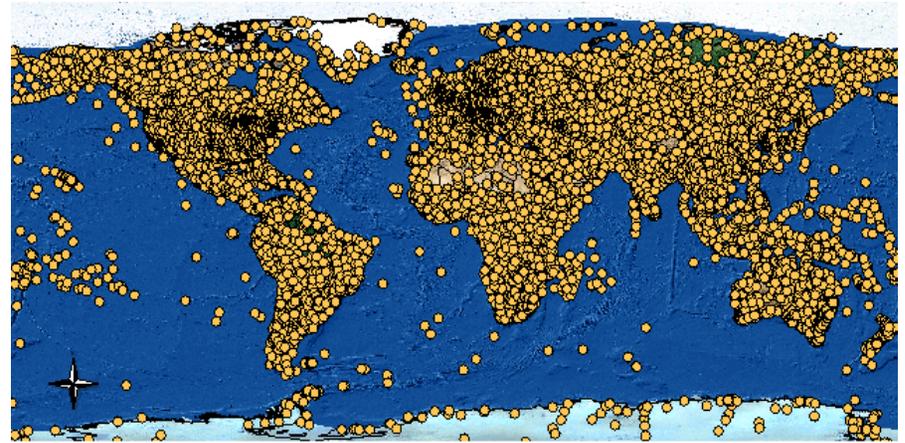


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Global Ocean Observing System for Climate
<https://ioos.noaa.gov/community/global/>



Example Map Surface Weather Observations
Source: NOAA Climatic Data Center



What if ?





Global Open Data
for Agriculture & Nutrition

Join GODAN today!

<http://www.godan.info/become-a-godan-partner>

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History

At the 2012 G-8 Summit, G-8 leaders committed to the *New Alliance for Food Security and Nutrition*, the next phase of a shared commitment to achieving global food security.

As part of this commitment, they agreed to “share relevant agricultural data available from G-8 countries with African partners and **convene an international conference on Open Data for Agriculture**, to develop options for the establishment of a global platform to make reliable agricultural and related information available to African farmers, researchers and policymakers, taking into account existing agricultural data systems.”

In April 2013, the commitment to **convene an international conference on Open Data for Agriculture** was fulfilled when the G8 International Conference on Open Data for Agriculture took place.

The vision to create GODAN was a by-product of this conference.



gODAN



2016 Updates

2016 G20 Meeting of Agricultural Chief Scientists Communique

“We encourage G20 members to participate in and recognize the importance of open data and statistics networks, such as ... the **Global Open Data for Agriculture and Nutrition (GODAN) initiative**, to promote the sharing and application of relevant data of global agricultural research and to encourage uptake of research results by all.”

At the 2016 G7 Leaders Summit, G7 Leaders’ recognized the importance of the Global Open Data for Agriculture and Nutrition (GODAN) initiative in the [G7 Vision for Action on Food Security and Nutrition](#):

“Enhancing implementation and accountability

The G7 will take the following measures to ensure the effective implementation of these actions and to enhance accountability. Focus on better data: The G7 recognizes the importance of the “data revolution” ...**The G7 recognizes the importance of the Global Open Data for Agriculture and Nutrition (GODAN) initiative in making agricultural and nutritional data available, accessible and usable by stakeholders globally.**”



GODAN Summit 2016

The GODAN Summit 2016 was held September 15-16, 2016 in New York City -- on the margins of the UN General Assembly meeting in New York City. *Governments of the United States, United Kingdom, Kenya, the ONE Campaign, and PUSH (Partners United to Solve Hunger), committed to the vision of a 2016 GODAN Summit.*



“Data is valuable in the entire food chain. It provides farmers with access to innovation in crop production, but also business models.”
Prashant Mishnan (Seed 2 Growth)



Open data should become part of the African environment. The Kenyan government is committed to championing the data revolution in Africa.”
Walter Ombaka (Kenyan Ministry of Agriculture, Forestry, and Fisheries)



“We need to move outside of the silos. Collaboration is not a luxury, but a necessity. Our industry’s future success depends on our ability to use open data.”
Christine Mull (Syngenta)

