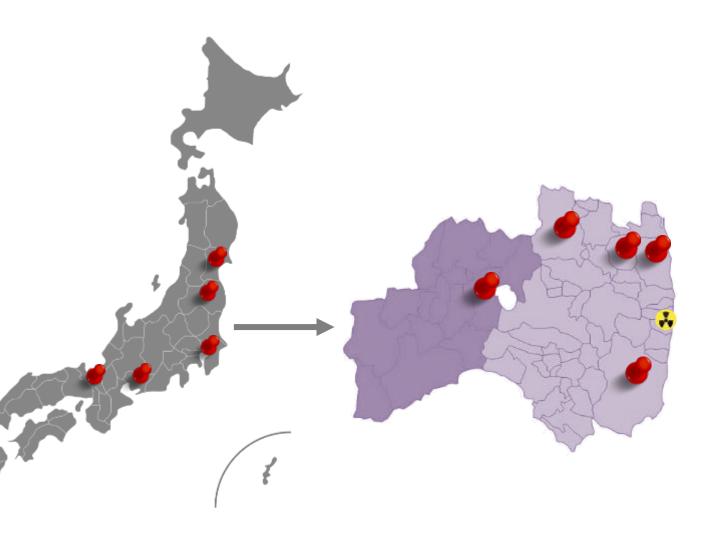




1. Introduction

- Citizen Radiation-Measuring Organizations (CRMO, Kimura 2016)
- Citizen-initiated and –driven organizations
- 15 citizen science organizations
 - semi-structured interviews, (non-) participatory observation
 - Fukushima region, Tokyo, Nagoya, Osaka, Kyoto
 - After Chernobyl and Fukushima

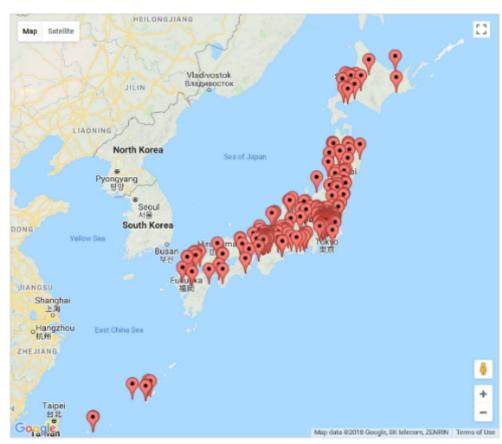


2. What are Citizen Radiation Measuring Organizations

(CRMO)?

Citizen science

- Not one size fits all:
 - farmers, parents, grandparents, ...
 - With or without help from professional scientists
- Main activity: measuring radiation



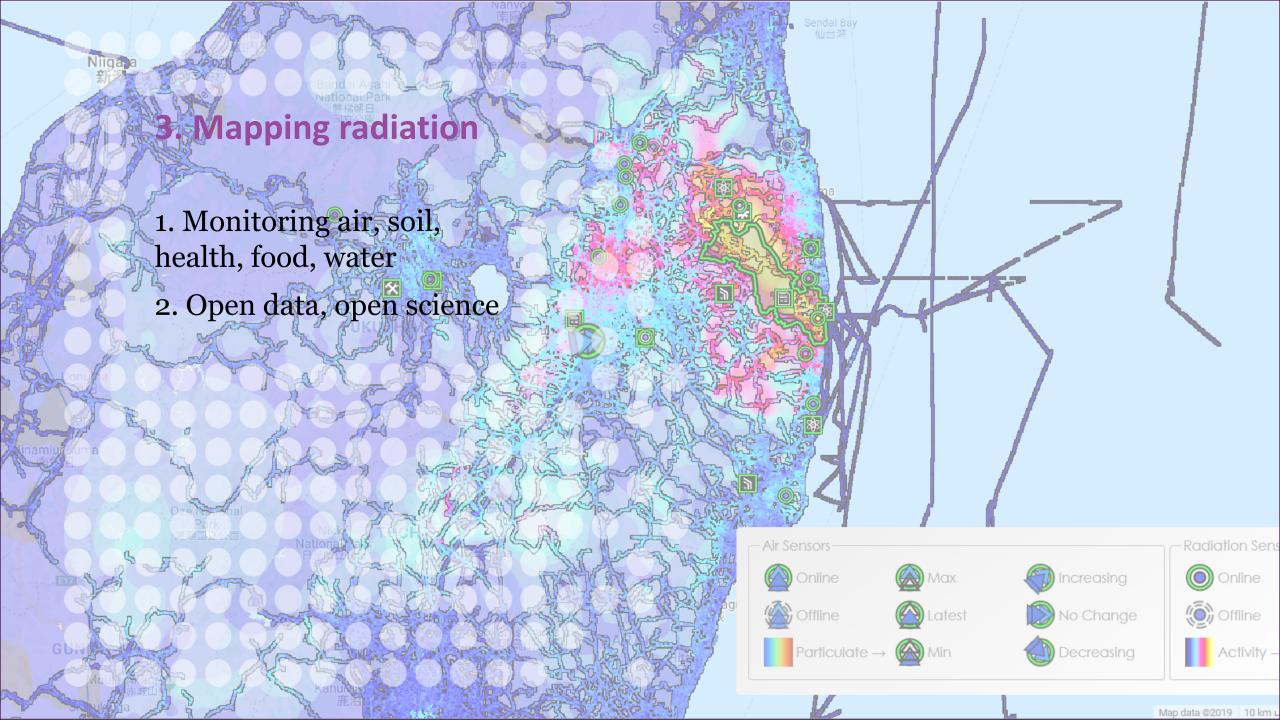
務局連絡先 info@kodomozenkoku.com | このベージのトップ

http://kodomozenkoku.sakura.ne.jp/network.html



"As the need arised we practiced science by citizens, precisely because it's purpose is to be science for citizens [...]."

(Interview CRMO member, Tokyo, 2018)





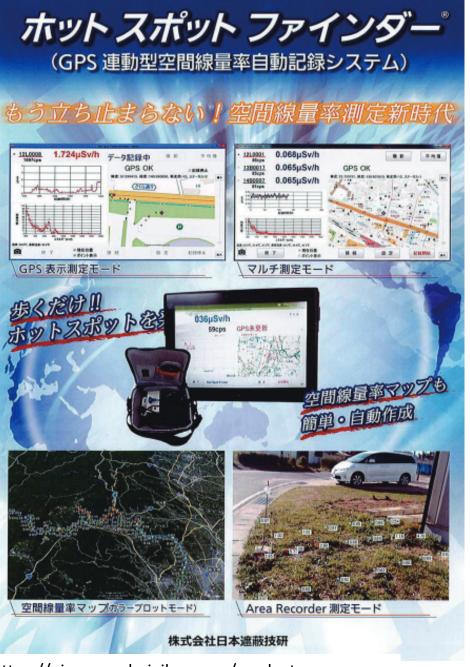






Fukushima city, 2018





https://nipponsyaheigiken.com/productintroduction/hotspot-finder/









Tokyo, 2018







Open data, open science



https://www.youtube.com/watch?v=cnBGLQ6GnR0











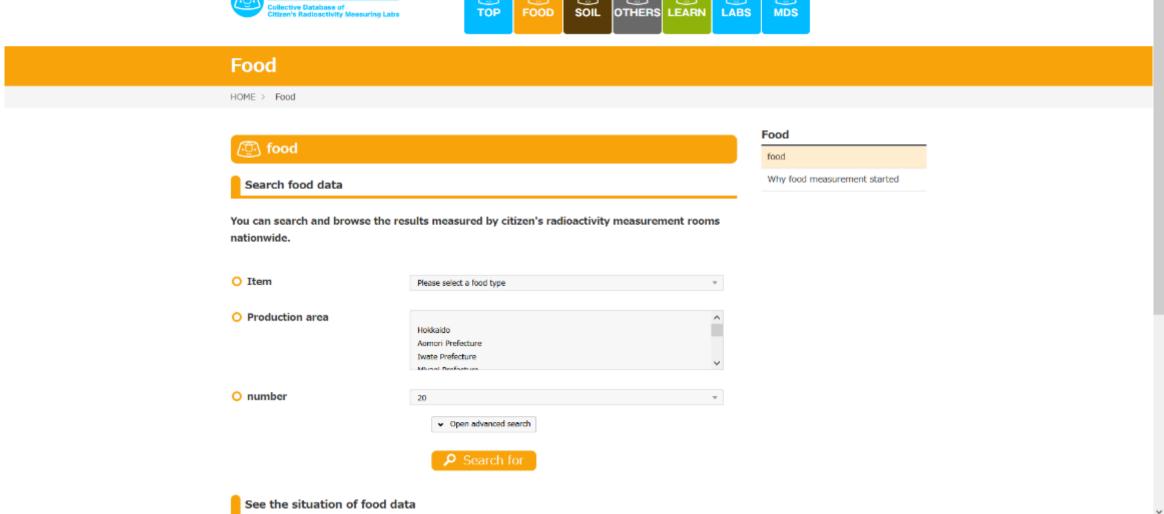












https://en.minnanods.net/food/





4. Citizen science = more than science



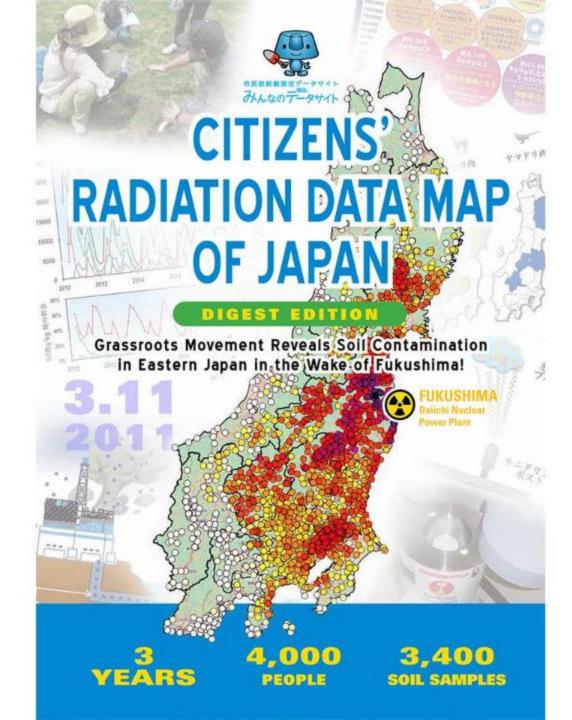
"The part [of citizen science] that concerns <u>science for the citizen</u> is definitely strong, after all the information coming from the government is very limited and whenever they provide lots of information, it is hard to understand. It's like we are going against the poor access to information, low transparency, and we are trying to provide <u>information that is as comprehensible as possible</u>, we try to match to needs of each individual, and we try to provide information that is <u>actually useful in our lives</u>. We have come a long way to improve the way we provide information, visualizing the info, and [...], providing a kind of <u>counseling</u>, that is essentially 'for the citizen'."

(Interview with CRMO member, Tokyo, 2018)



Fukushima city, 2018









5. Discussion

- CRMOs are community driven
 - Evolution: emergency to post-disaster recovery
- Purpose of knowledge/data/science:
 - Problem-driven science (Clark & Dickson, 2003), actionable data
 - "Just good enough data" (Gabrys, 2016)
 - Boundary bridging or constructing function of standards and standardized practices (Ottinger, 2010)
 - Knowledges



