“Global health is a system-based, ecological and transdisciplinary approach which seeks to provide innovative, integrated and sustainable solutions to address complex health problems across national boundaries, and improve health for all.”
Precision Medicine
To better target health care
Thanks to new technologies
... aiming to be much more effective!
Precision Global Health
To better target interventions in global public health
Thanks to new technologies
... aiming to be much more efficient!
Using remote sensing data to better target development aid
Genomics
to help targeting public health surveillance
100K Foodborne Pathogen Genome Project

A

B

Average Abundance [%]

C. perfringens 0.02
E. faecalis 0.02
E. faecium 0.004
E. coli 0.26
L. johnsonii 0.02
M. smithii 0.05
SFB 0.004

Average Coverage [%]

C. perfringens 0.7
E. faecalis 0.8
E. faecium 0.2
E. coli 18
L. johnsonii 1.1
M. smithii 16
SFB 0.2
Cell phone data to better target humanitarian action
"We've never had this large-scale, anonymised mobile phone data before as a species," says Nuria Oliver, a scientific director at mobile phone company Telefonica." BBC News

Influenza: Google search terms as early warning signals
Is ‘Google Flu Trends’ Prescient Or Wrong?

Google Flu Trends U.S. may have diverged again from the CDC data it predicts, but too early to be sure.

Google in blue, CDC in red. Note the dramatic divergence toward 2013. (Keith Winstein, MIT)

Has Google's much-celebrated flu estimator, Google Flu Trends, gotten a bit, shall we say, over-enthusiastic?
Twitter Improves Influenza Forecasting

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AUTHORS

Michael J. Paul  Mark Dredze  David Broniatowski
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