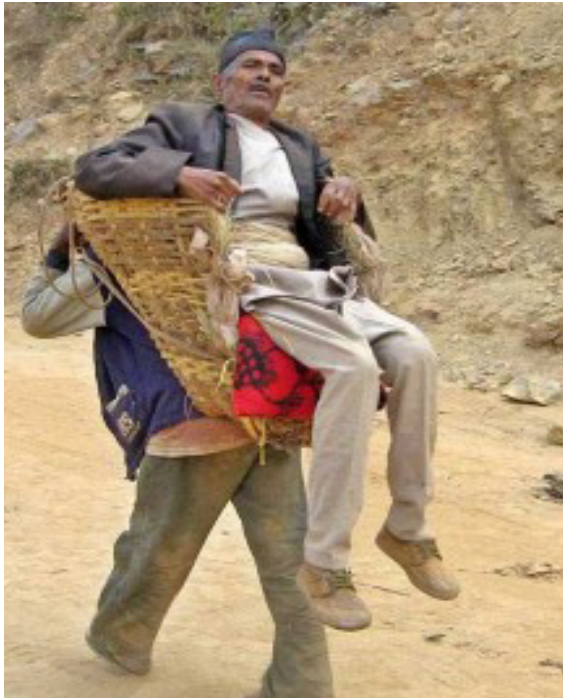# IRTF Global Access to the Internet for All (GAIA)

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❑ Influenza – 250,000-500,000 deaths annually

❑ Ebola, Cholera, Malaria, Flu, Dengue Fever, Small pox and many more….

❑ 0.6 doctors for every 1000 people in India**!**

❑ Internet access as an enabler for human rights
    ❑ Internet is an important (potentially life saving) enabler
        ❑ Communication, Health, Knowledge, Economy, Governance

❑ ..and the human right argument

    ❑ ISOC 2012 survey with 10,000 users in 20 countries
        ❑ 83% agreed or agreed strongly that access to Internet is a human right
        ❑ 2/3 agreed or agreed strongly that the Internet would play a
        ❑ Significant role in solving global problems:
            ❑ Reducing child mortality (63%)
            ❑ Improving maternal health (65%)
            ❑ Eliminating extreme poverty and hunger (61%)
            ❑ Preventing trafficking of women and children (69%)

Internet access is challenged

- ❑ Geographic
  - ❑ Conventional Internet access has physical limitations
  - ❑ Not economically feasible for a network operator to provide coverage

- ❑ Economic
  - ❑ Access to fixed broadband in some developing countries costs almost 40x-100x the national average income
  - ❑ In developed countries, affordability limits broadband access in impoverished communities

- ❑ Regulatory, Social & Capacity building challenges

❑ Why has 3+ decades of progressive Internet research failed to solve these challenges to make the Internet universally accessible to all?

❑ What have we overlooked? And why have we overlooked?

❑ And now how do we solve it?

IRTF Global Access to the Internet for All (GAIA) Research Group

❑ Need increased visibility among the wider community and foster collaboration
  ❑ Workshops, projects, papers, IRTF drafts

❑ Understand what are the costs and how do we reduce costs (10x reduction in access costs especially in geographies and populations with low Internet penetration)

❑ Report deployment experiences to better understand
  ❑ what technologies/protocols work
  ❑ what are the challenges in terms of adoption

❑ Longer term: Input to standards → stacks → adoption

❑ 200+ members

Official page: https://irtf.org/gaia
https://sites.google.com/site/irtfgaia/
Mailing list: https://irtf.org/mailman/listinfo/gaia

❑ Agenda is here: https://sites.google.com/site/irtfgaia/

❑ 4 Informal Sessions: 30 mins (20 mins + questions)

❑ Facebook hosted reception (Market Room, 1st floor): 7pm - 9pm

❑ Register by 10am →
    ❑ http://fbatgaiadev2014.splashthat.com/