

# MUDANÇA CLIMÁTICA E SEGURANÇA NA AMAZÔNIA:

VULNERABILIDADE E RISCOS PARA OS POVOS INDÍGENAS NA  
FRONTEIRA ACRE – UCAYALI

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# AGRADECIMENTOS

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**CLIMATE & SECURITY**



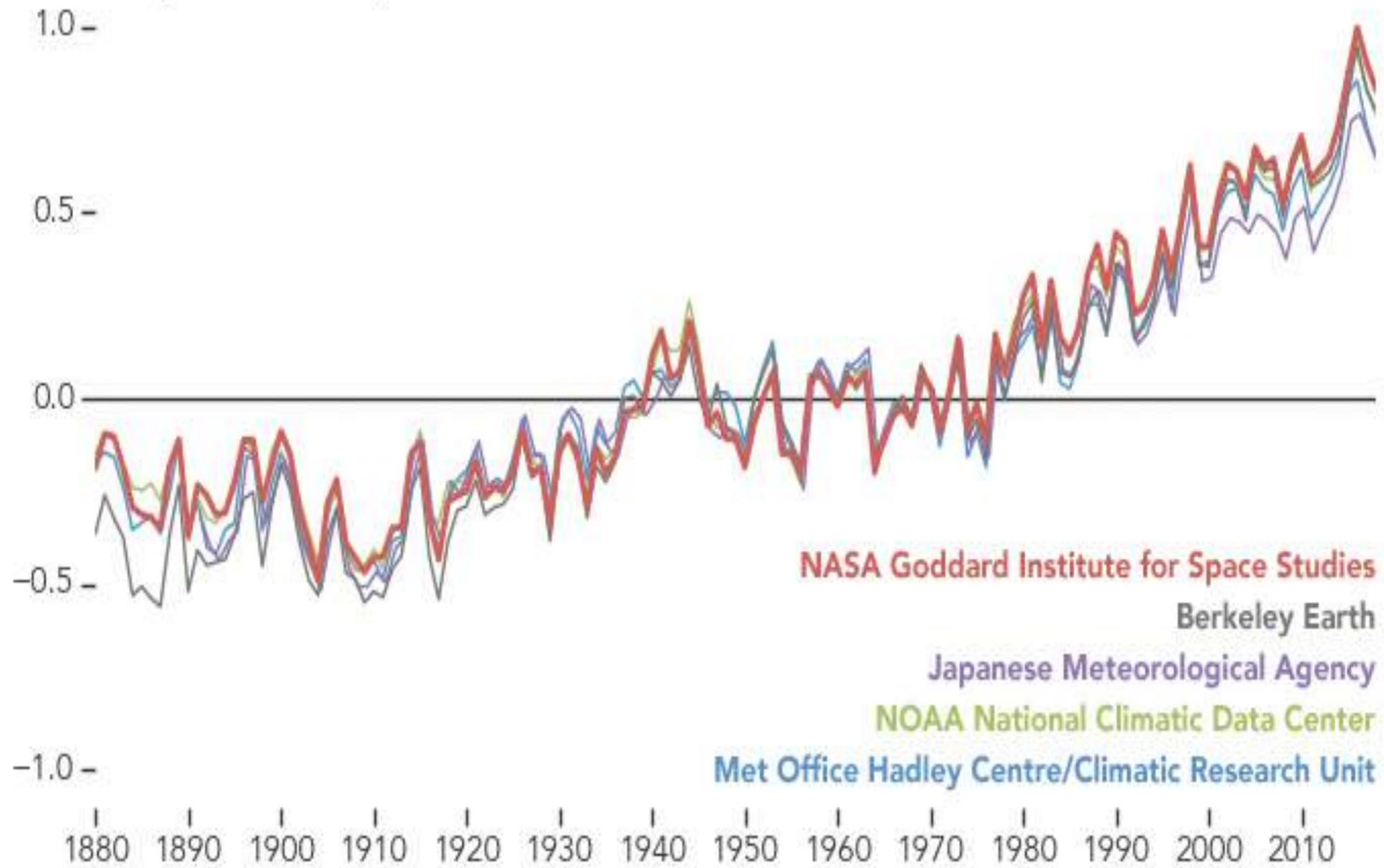
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# CLIMATE

- ▶ **Global Warming: 97% scientific agreement NASA**
- ▶ **IPCC 1.5° C Report: 45% greenhouse reduction**
- ▶ **UNFCCC 2018: 17 SDGs mitigation / adaptation**
- ▶ **Sea levels, extreme weather, ecosystems ...**
- ▶ **Anthropocene and Gaia: catastrophe w/o cataclysm**
- ▶ **Trump versus Global Climate Governance**

## A World of Agreement: Temperatures are Rising

Global Temperature Anomaly (°C)

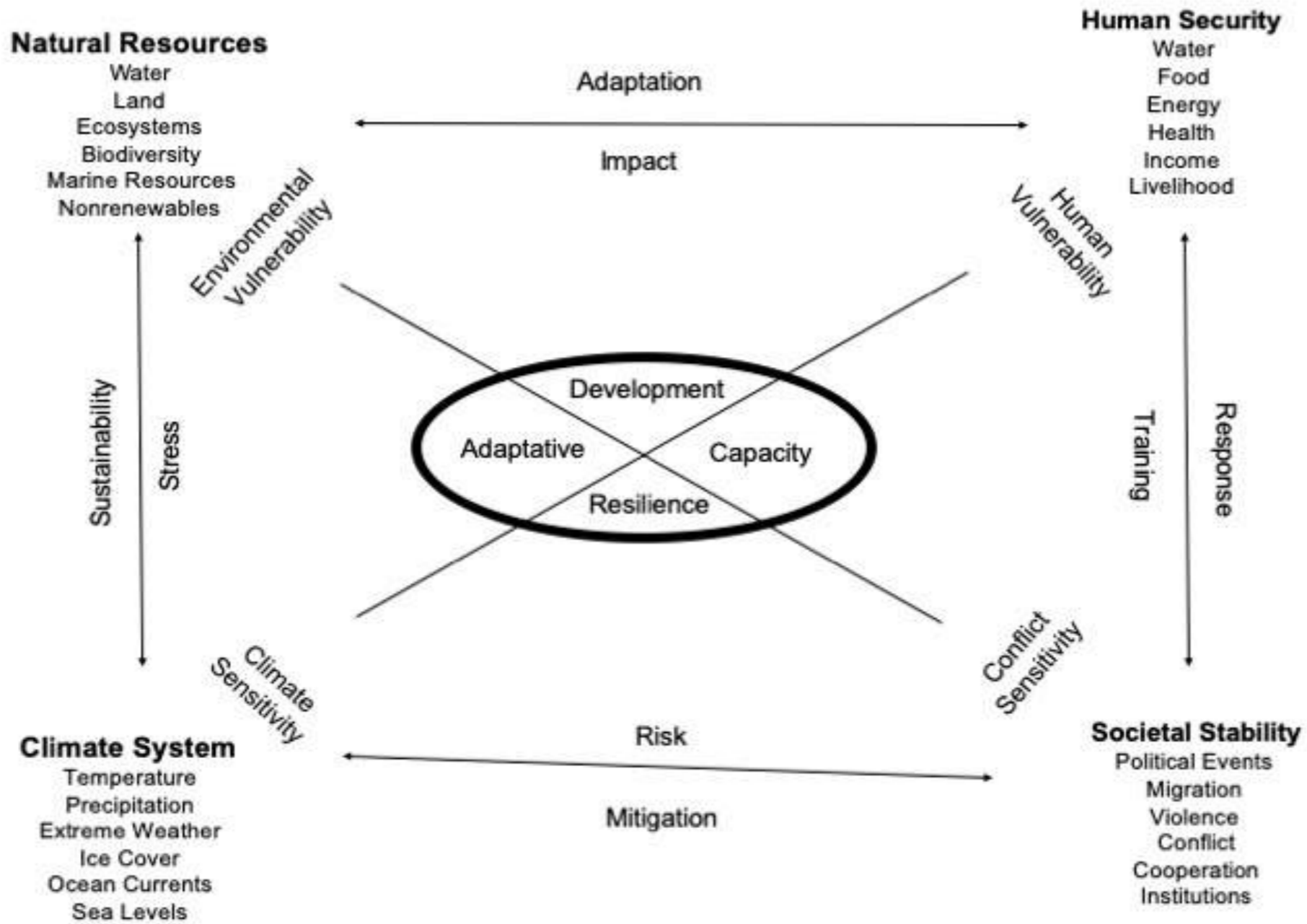


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# SECURITY

- ▶ Being able to neutralize discernible threats
- ▶ Threat: intent to inflict harm, pain, or loss
- ▶ Violence as Kratos (structural and actual power)
- ▶ Climate + Security: wrongful or intentional ?
- ▶ From vulnerability and sensitivity to conflict . . .
- ▶ Direct cause: natural resource scarcity
- ▶ Indirect: institutional failure and multiplier





# VIOLENCE

**“THE INTENTIONAL USE OF PHYSICAL FORCE OR POWER, THREATENED OR ACTUAL, AGAINST ONESELF, ANOTHER PERSON, OR AGAINST A GROUP OR COMMUNITY, WHICH EITHER RESULTS IN OR HAS A HIGH LIKELIHOOD OF RESULTING IN INJURY, DEATH, PSYCHOLOGICAL HARM, MALDEVELOPMENT, OR DEPRIVATION.”**

**World Health Organization (2014, p. 84)**

**AMAZON**

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# BASICS ARE HUGE

- ▶ **Amazon basin: 6,3 million km<sup>2</sup> (35.5% of South America)**
- ▶ **Europe: 10,2 million km<sup>2</sup> (Portugal to the Urals)**
- ▶ **20% of world's water carried by rivers**
- ▶ **Seven countries: BO, BR, CO, GY, PE, SU, and VE**
- ▶ **Amazon rainforest: 5,5 million km<sup>2</sup> (1/3 world's largest)**
- ▶ **67 % within Brazil, 13% in Peru, 10% in Colombia**
- ▶ **Largest biodiversity, 20% of water, 10% of carbon stores**



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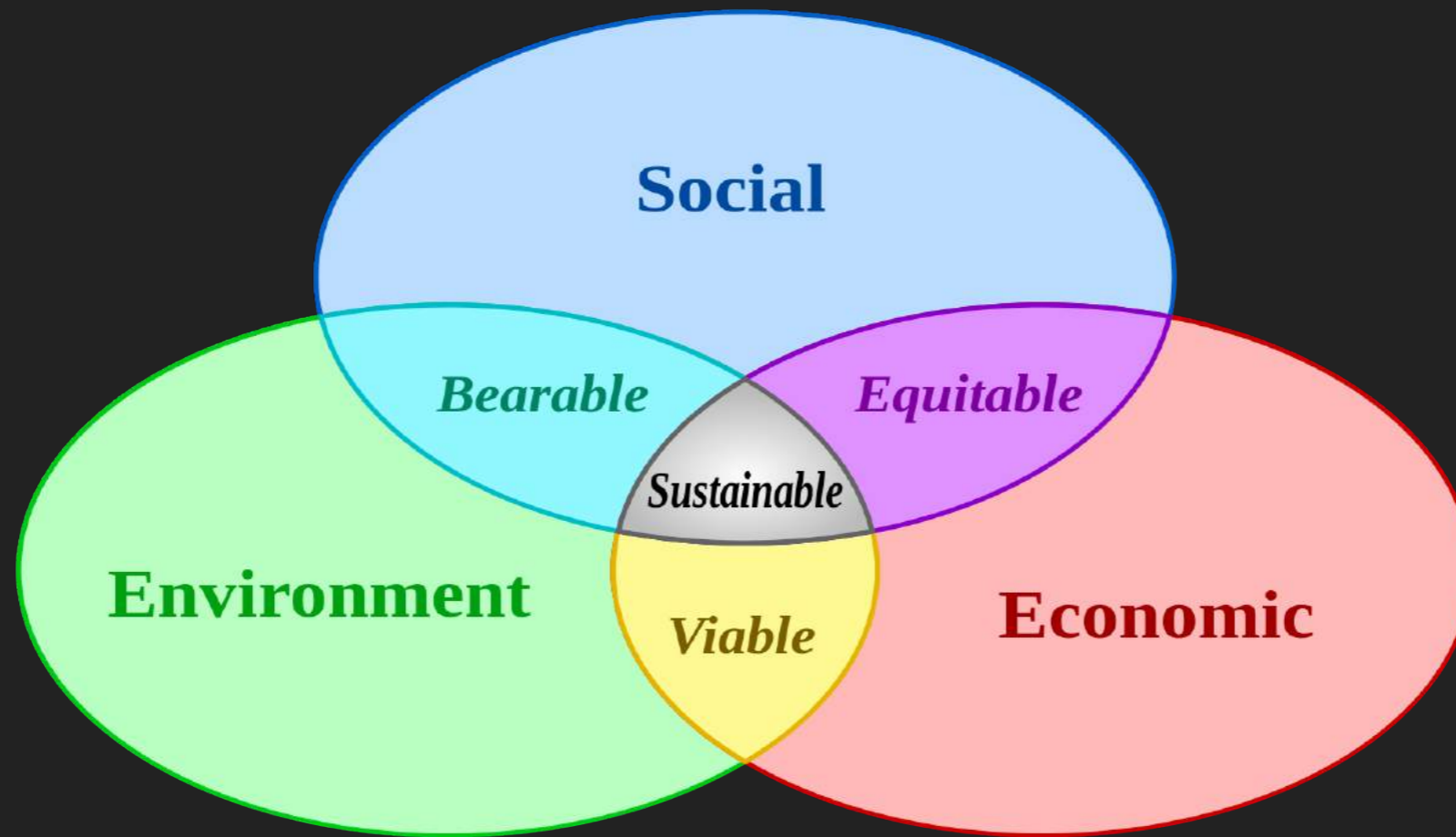
# SUSTAINABLE ? DEVELOPMENT ?

- ▶ **Brazilian Amazon: 09 states (forest, cerrado, pantanal)**
- ▶ **5.2 million km<sup>2</sup>, 61% of the Brazilian territory**
- ▶ **24 million people, 12.3% of the Brazilian population**
- ▶ **300 + thousand indigenous people (817 thousand total)**
- ▶ **Deforestation: down 72% under PT, up since 2016**
- ▶ **Bolsonaro: socially and environmentally unsustainable**
- ▶ **Amazon 2016: 48 rural leaders killed, 391 assaulted**

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**“ (...) SUSTAINABLE DEVELOPMENT IS A SYSTEMS APPROACH TO GROWTH AND DEVELOPMENT AND TO MANAGE NATURAL, PRODUCED, AND SOCIAL CAPITAL FOR THE WELFARE OF THEIR OWN AND FUTURE GENERATIONS. THE SUSTAINABLE DEVELOPMENT GOALS (SDGS) ARE A UNIVERSAL CALL TO ACTION TO END POVERTY, PROTECT THE PLANET AND ENSURE THAT ALL PEOPLE ENJOY PEACE AND PROSPERITY.”**

[https://en.wikipedia.org/wiki/Sustainable\\_development.](https://en.wikipedia.org/wiki/Sustainable_development)



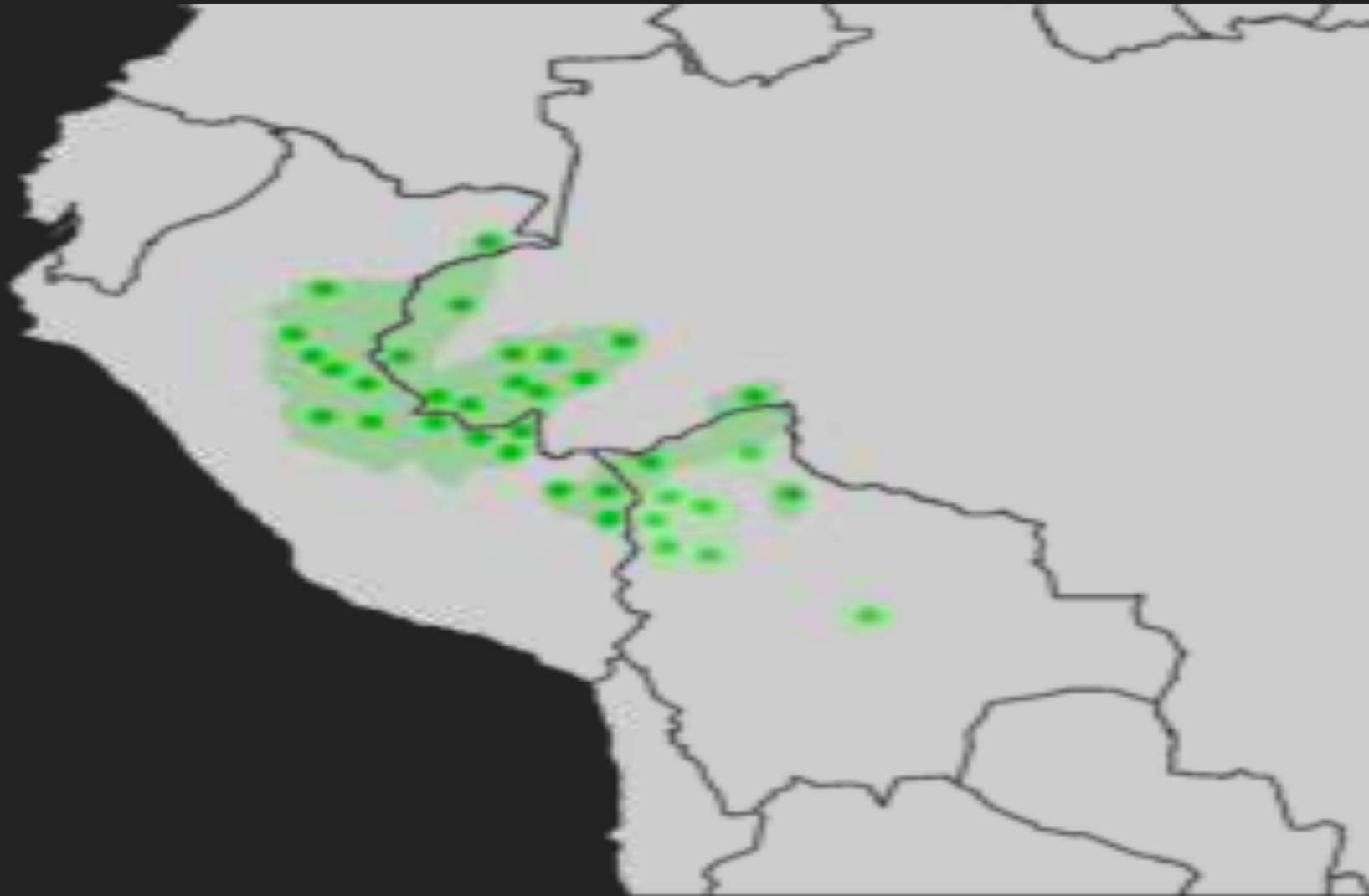
Source: UNDP (2018)



**HUNI-KUIN & SHIPIBO-CONIBO**

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# PANO LANGUAGES

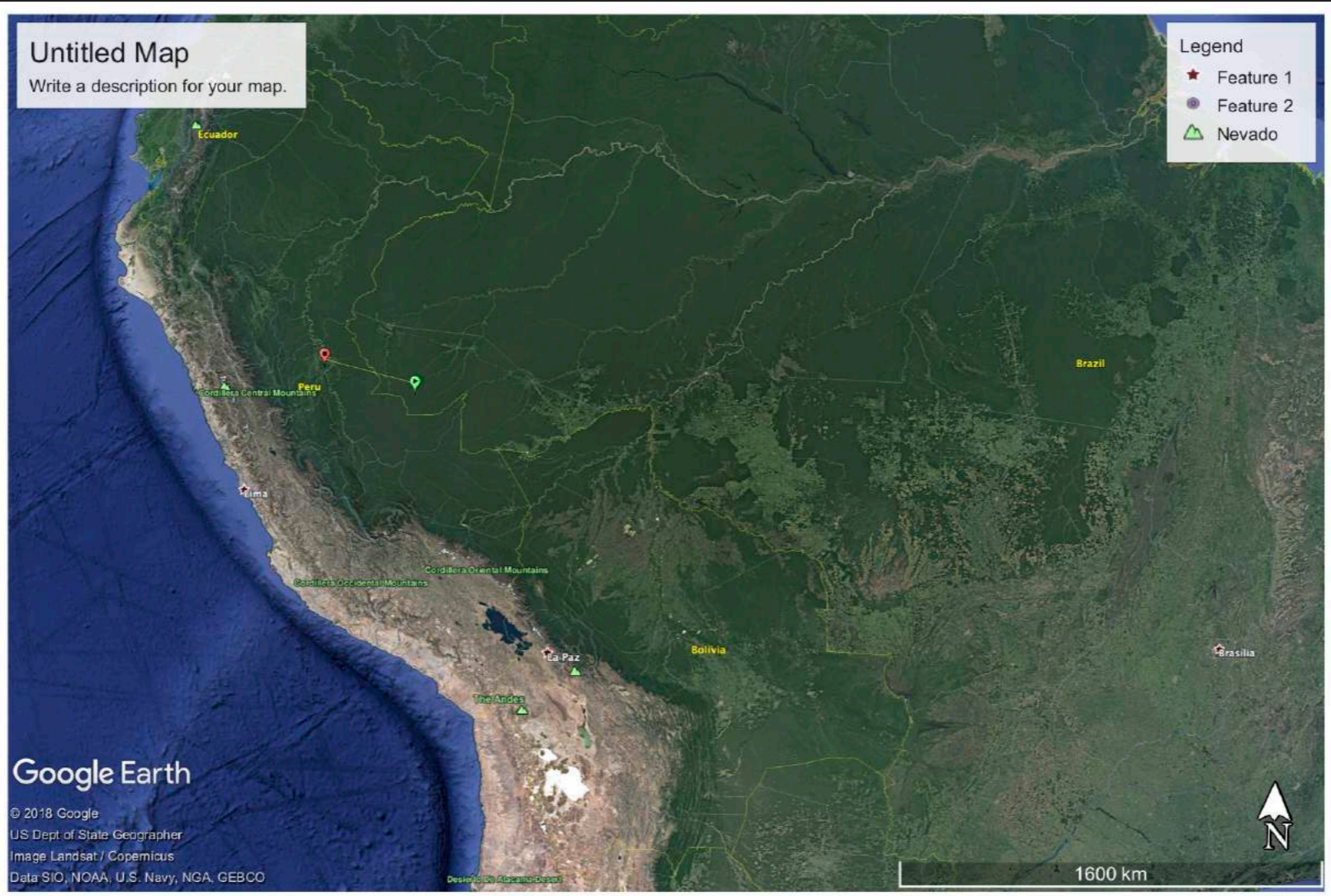


# Untitled Map

Write a description for your map.

## Legend

- ★ Feature 1
- Feature 2
- ▲ Nevado



Google Earth

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US Dept of State Geographer  
Image Landsat / Copernicus  
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

1600 km

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# HUNI-KUIN (KAXINAWÁ)

- ▶ Hantxa Kuin language, Pano family
- ▶ AC 10,818 (2014) / PE 2,419
- ▶ AC: 35 (TI), 19 thousand, 209 villages, 14.5% of AC
- ▶ Rivers Tarauacá, Jordão, Breu, Muru, Envira, Humaitá, Purus
- ▶ Violent conflicts from 1913 with rubber bosses' mateiros
- ▶ Since Measels epidemics, health attention major issue
- ▶ 2017 Jordão flood: 15 families displaced, official neglect
- ▶ 2019 Open Letter: recognize climate–security nexus
- ▶ Envira river: Huni Kuin and Shanenawa threatened by narcos



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# SHIPIBO-CONIBO

- ▶ Shipiba language, Pano family
- ▶ + 26,419 population estimated (2014), 8% of indigenous PE
- ▶ Shipibo and Konibo formerly two groups, merged
- ▶ Ucayali river, more than 140 communities
- ▶ Some groups in urban areas, like Pucallpa or even Lima
- ▶ Since the rubber economic cycle, conflicts and threats
- ▶ Severe pressure from oil companies, logging, and narco
- ▶ Constitution recognizes Peru as multi-ethnic, UNDRIP 2007
- ▶ From droughts to floods, food insecurity and weak institutions



**CONCLUSION**



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- ▶ Unequal effects of climate change
  - ▶ Vulnerability + Institutional Failure = Insecurity
  - ▶ Indigenous most vulnerable in the Amazon
  - ▶ Mitigation matters: Huni-Kuni (2017) Shipibo (2011)
  - ▶ Indigenous peoples: climate change + SDG 2030
  - ▶ (Inter)Government responses: FUNAI, AC, OTCA
  - ▶ Macro Politics: from wrongful to intentional
  - ▶ Trump and Bolsonaro as threats to Gaia and humans

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**OBRIGADO**  
**THANKS**