

COP21: SUCCESS FOR ADAPTATION

The Paris Agreement is an historic turning point in global action on climate change. The deal, signed by 195 countries spells out goals for universal greenhouse gas emission reductions, climate adaptation and financing for poor countries.

Notre Dame Global Adaptation Index is key to the success of the Agreement, providing knowledge, products and services for all of the signatories and other private sector and development actors working to achieve adaptation and resilience goals.

Focusing on saving lives and improving livelihoods, ND-GAIN work informs market and policy positions across sectors crucial to human well-being – including water, health, food, infrastructure, security, governance, economy and social structures.



**TOUS ENSEMBLE
POUR LE CLIMAT**

With our work, stakeholders are better able to prevent the avoidable and manage the unpreventable in the new era of droughts, super-storms, flooding, fires and other climate stresses and shocks.

PARIS AGREEMENT TAKEAWAYS: Reflect the University of Notre Dame's Climate Assets

ND-GAIN IN ACTION: INDEX.GAIN.ORG

AGREEMENT

Establishes a global goal of "enhancing adaptive capacity, strengthening resilience and reducing vulnerability to climate change"

Each year, ND-GAIN produces the world's leading index showing which countries are best prepared to deal with climate change. The Index includes measurement of adaptive capacity and readiness to increase resilience through innovation and investment.

PLAN

Requires all parties (developed and developing nations), "as appropriate," to plan and implement adaptation efforts

ND-GAIN provides a framework and baseline for planning adaptation actions through its methodology, as illustrated in our Country's profiles for 180 countries. The profiles are generated from 20 years of data, including nine sectors, 46 indicators and over 25 sources.

REPORT

Encourages all parties to report on their adaptation efforts and/or needs

The ND-GAIN Index publicly identifies areas of relative need and opportunity within and between countries. Our visualization tools show progress over time, allowing leaders to examine relative risk and opportunity across sectors crucial to human well-being.

REVIEW

Calls for a review of adaptation progress, and of the adequacy and effectiveness of adaptation support, in the global stocktake every five years

Free and open source, ND-GAIN provides an annual, universal measurement of adaptation that's user friendly and university-lead. Country Profiles of every UN country, serve as a means for global stocktake to review adaptation progress.

**ENVIRONMENTAL
CHANGE
INITIATIVE**



Additional climate research underway at the University of Notre Dame through the Environmental Change Initiative includes: study of climate change impacts on forests, carbon cycling and the water cycle.