



University
of
Mauritius

Science, Technology and Innovation in the Global South: Focus on Small Island Developing States



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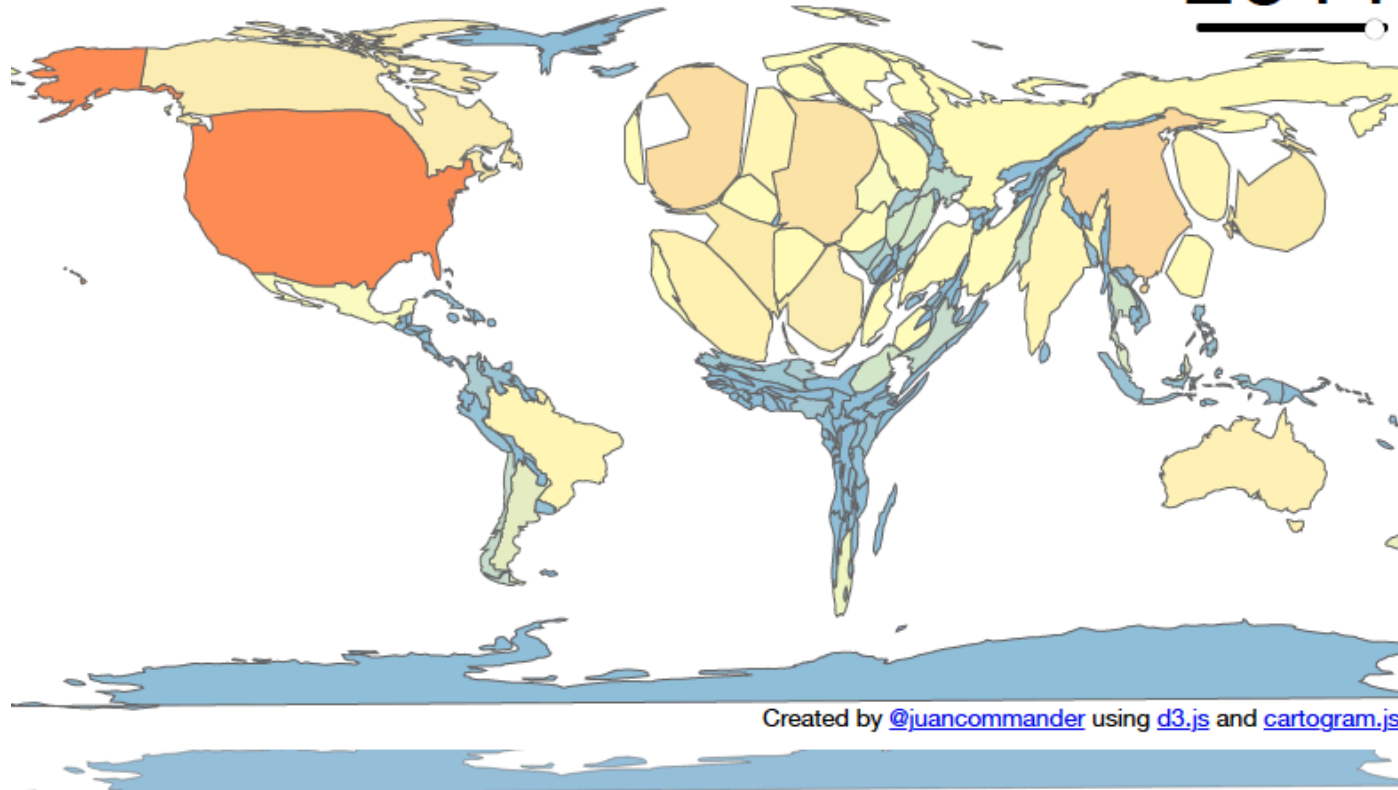
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Science, Technology and Innovation in the Global South 2011



Territory size shows the proportion of all scientific papers published in 2011 written by authors living there



Focus on Sustainable Development in Small Islands States



Small Island Developing State Region

- Caribbean
- Pacific
- Atlantic, Indian Ocean and South China Sea (AIS)

United Nations Members (38)

Non-UN Members/ Associate members of Regional Commissions (20)

63.2
Million

SIDS have a combined population of **63.2 million** people and a combined annual GDP of ~ **USD 600 billion**.¹

Tourism comprises up to **70%** of total GDP in SIDS.¹

27 SIDS are classified as Middle Income Countries (Lower and Upper); and **5** are Heavily Indebted Poor Countries (HIPC).²

>60%

Caribbean and Pacific SIDS import **more than 60%** of their food, with half importing **over 80%**.¹

SIDS import **>USD 5 billion** of food annually.¹

The top 5 food imports are processed foods, wheat, corn, meat and dairy, valuing **>USD 1 billion** annually.¹

1/3

Caribbean SIDS average **33%** obesity rates, with at least **twice** as many obese women as men.¹

70% of adults in Pacific SIDS are overweight or obese and **77%** of deaths are attributable to NCDs.¹

Childhood stunting rates are **>20%** in the five poorest SIDS¹

17%

SIDS experience the largest annual losses due to damage from natural disasters relative to GDP at **17%**.³

Women comprise **52%** of the agricultural workforce in SIDS.¹

In Pacific SIDS, the fishing industry contributes **up to 10%** of total GDP.⁴

**Contextual
Relevance &
Ownership**

1

**‘Level the
playing field
for the local
scientists’**

2

**Incentives to
sustain long
term research
interactions**

3



6

**Greater
Flexibility
with funding**

5

**Direct
engagement**

4

**Pandemic
disrupting
funding streams**

Thank You

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