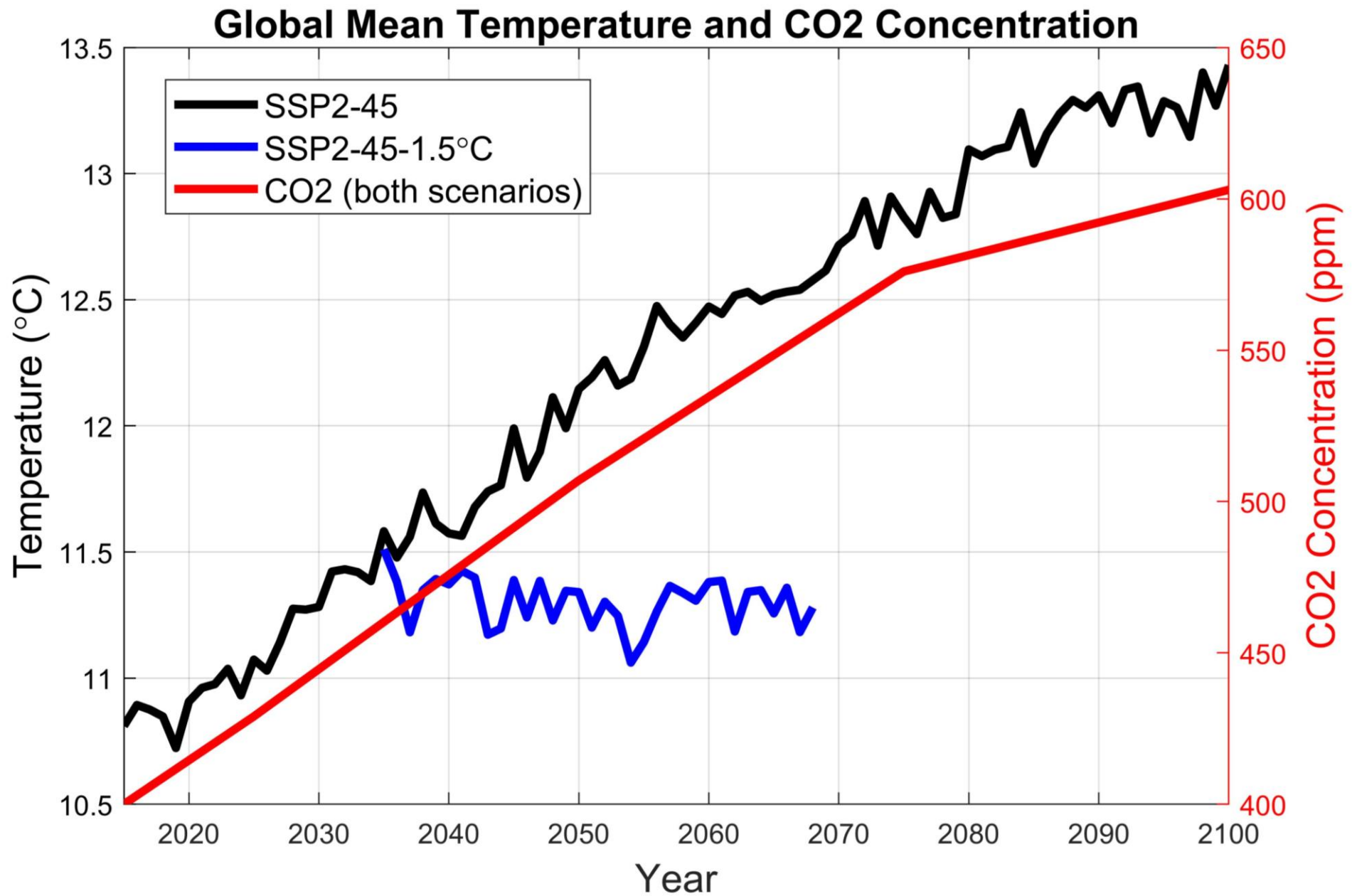
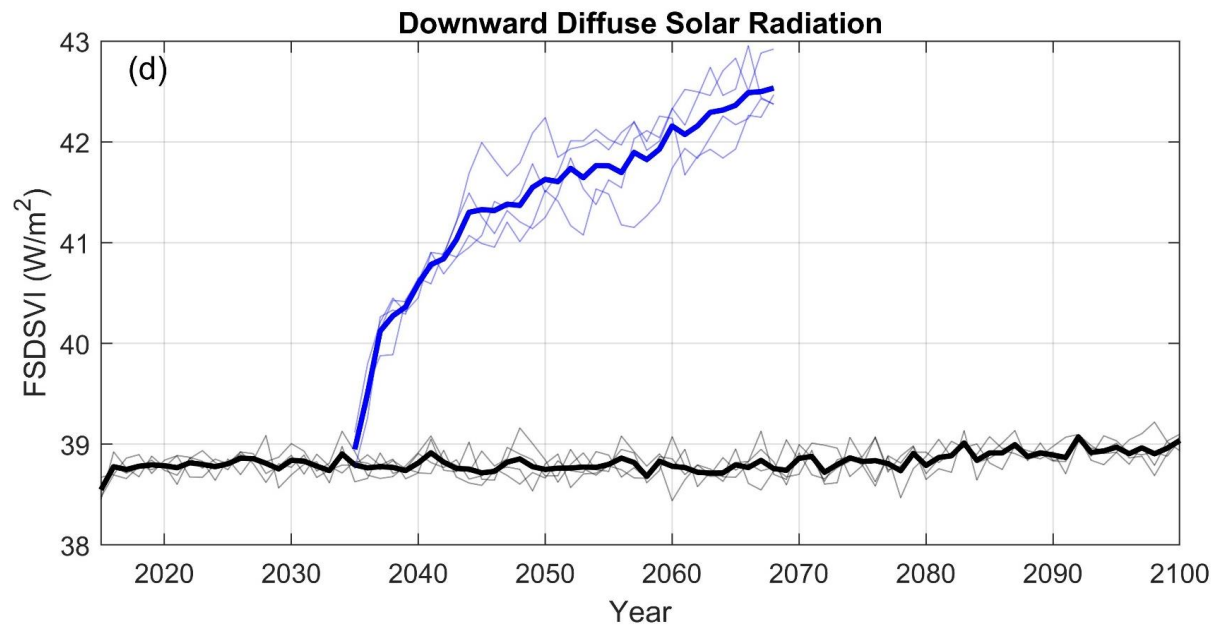
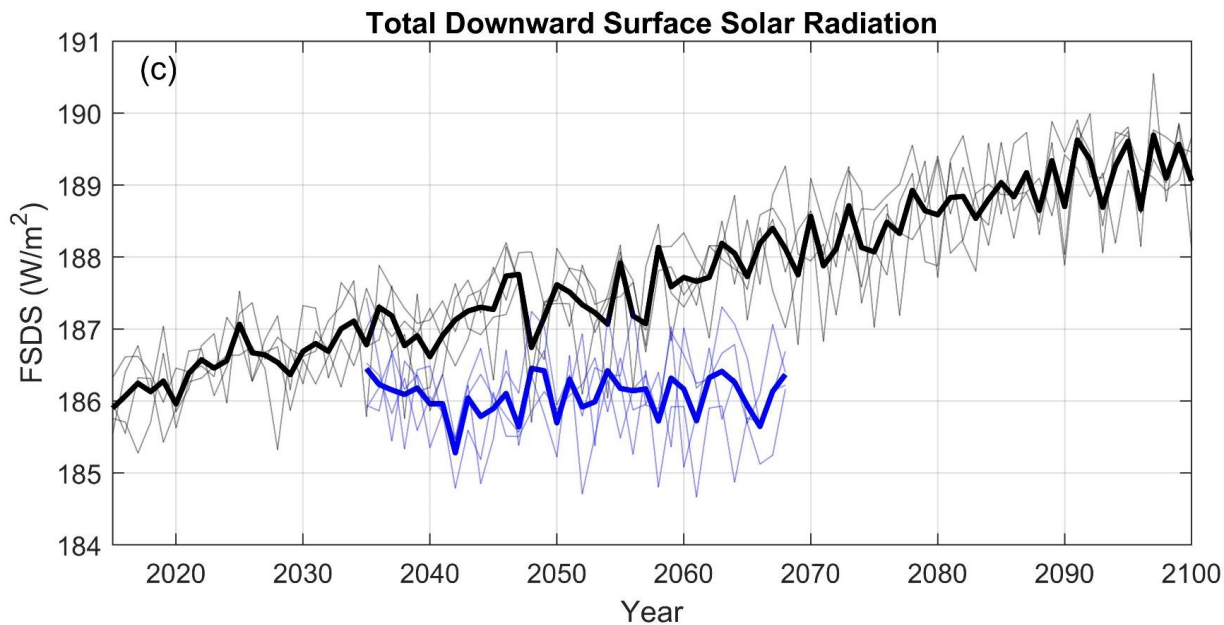
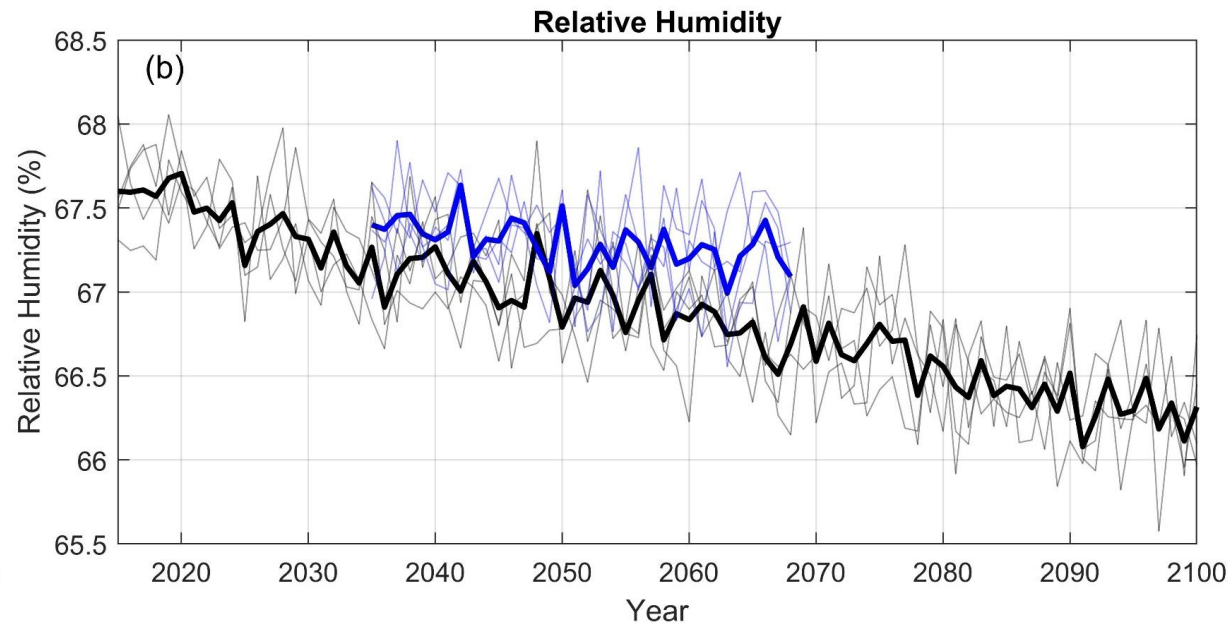
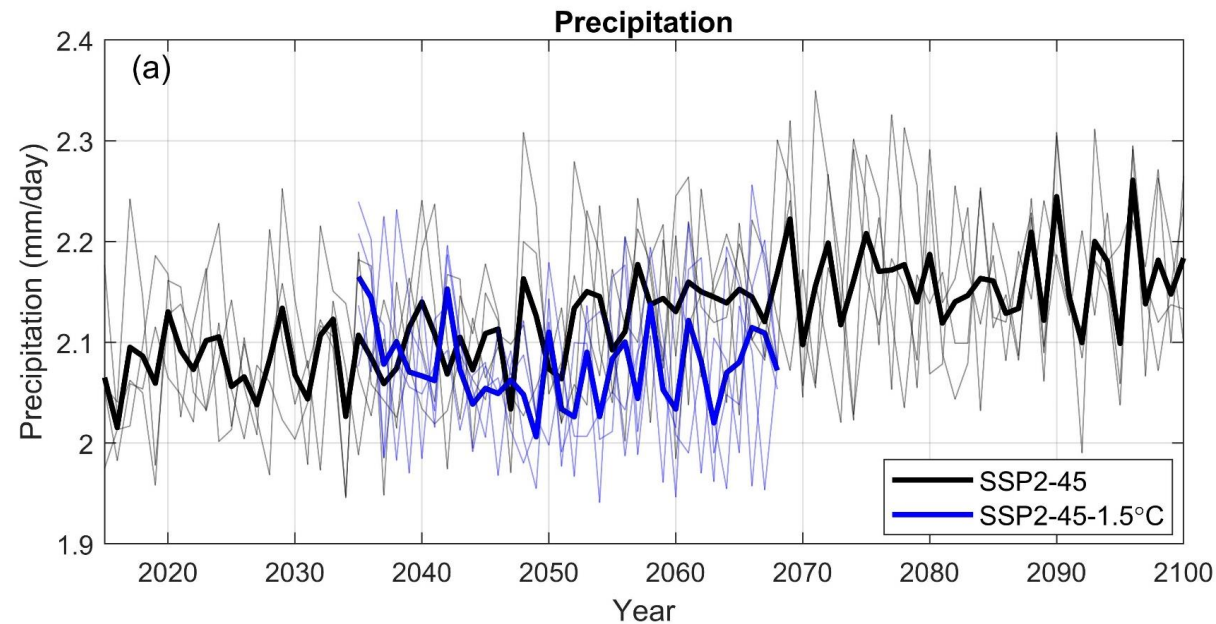


Impacts to Crop Production Under Stratospheric Aerosol Injection

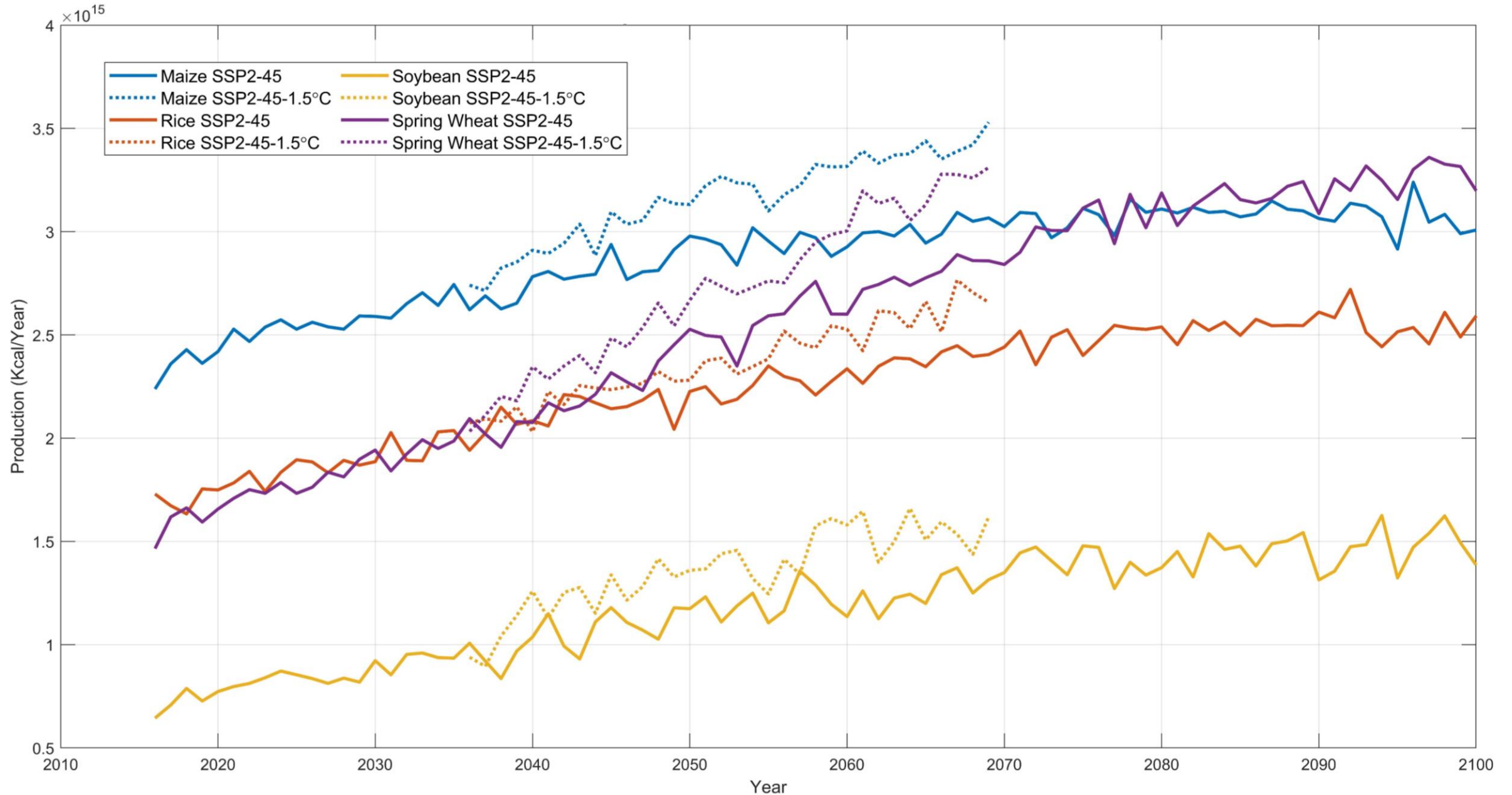
Depicting Information and Remembering Your Audience

Brendan Clark

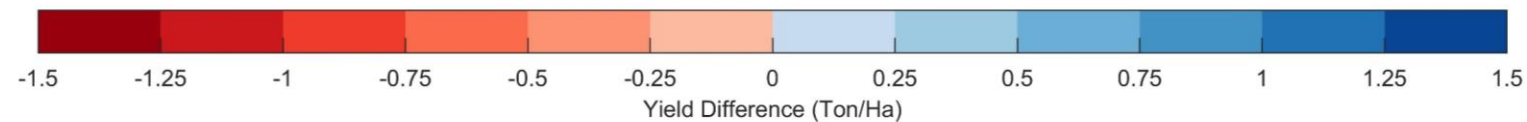
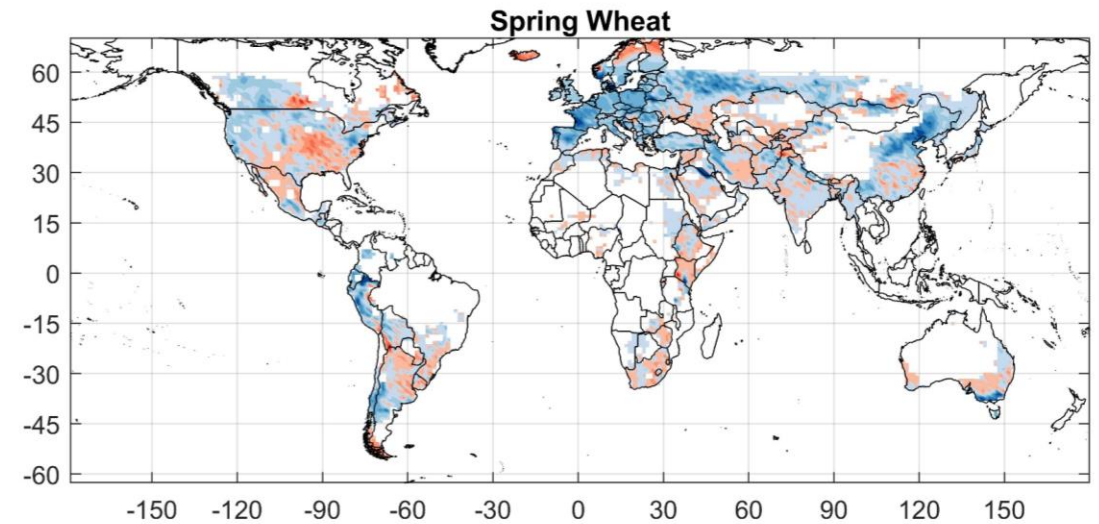
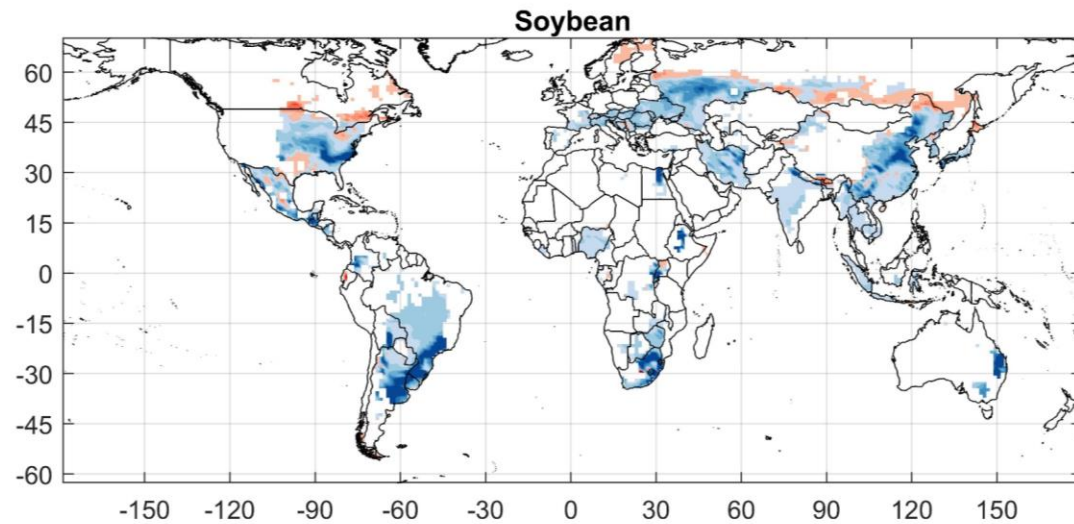
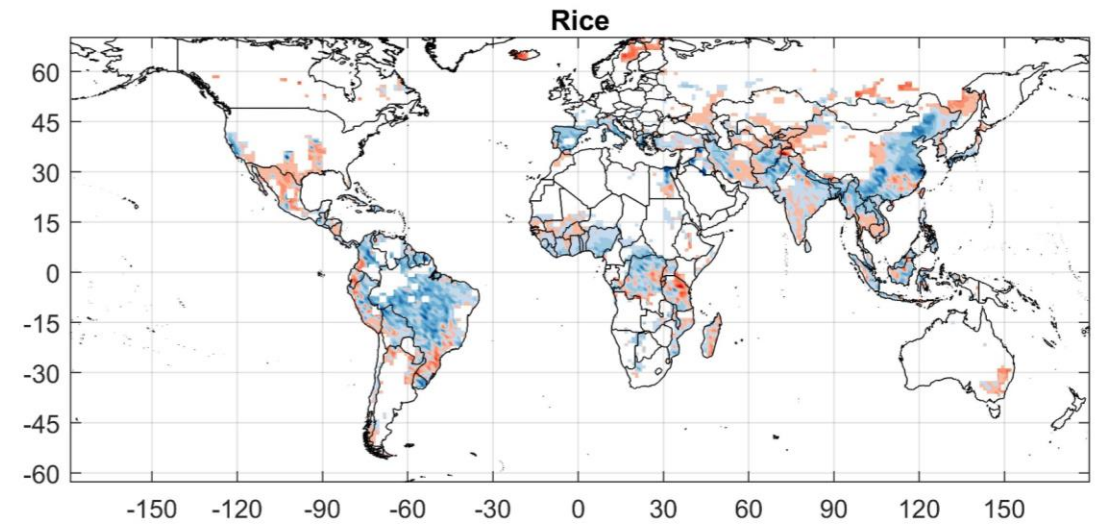
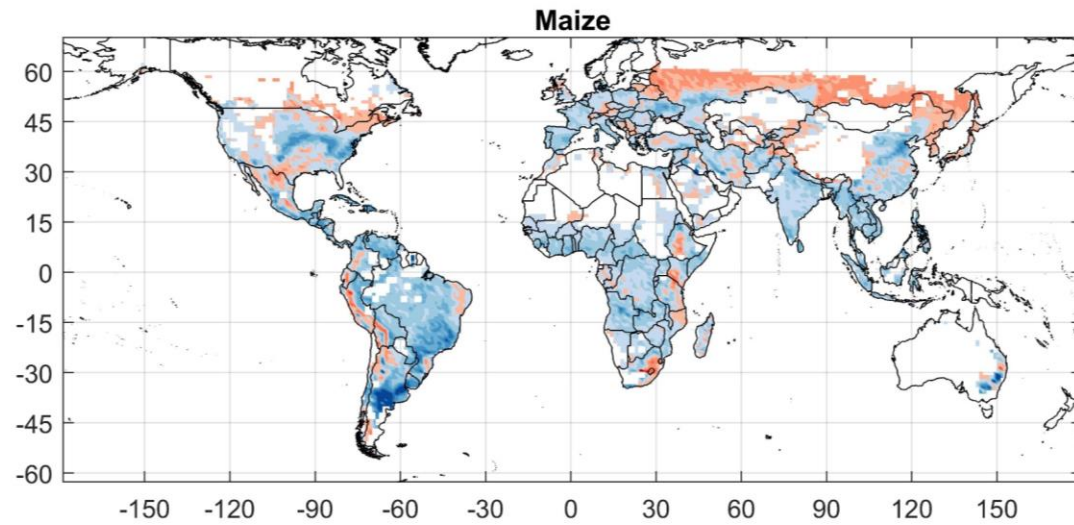




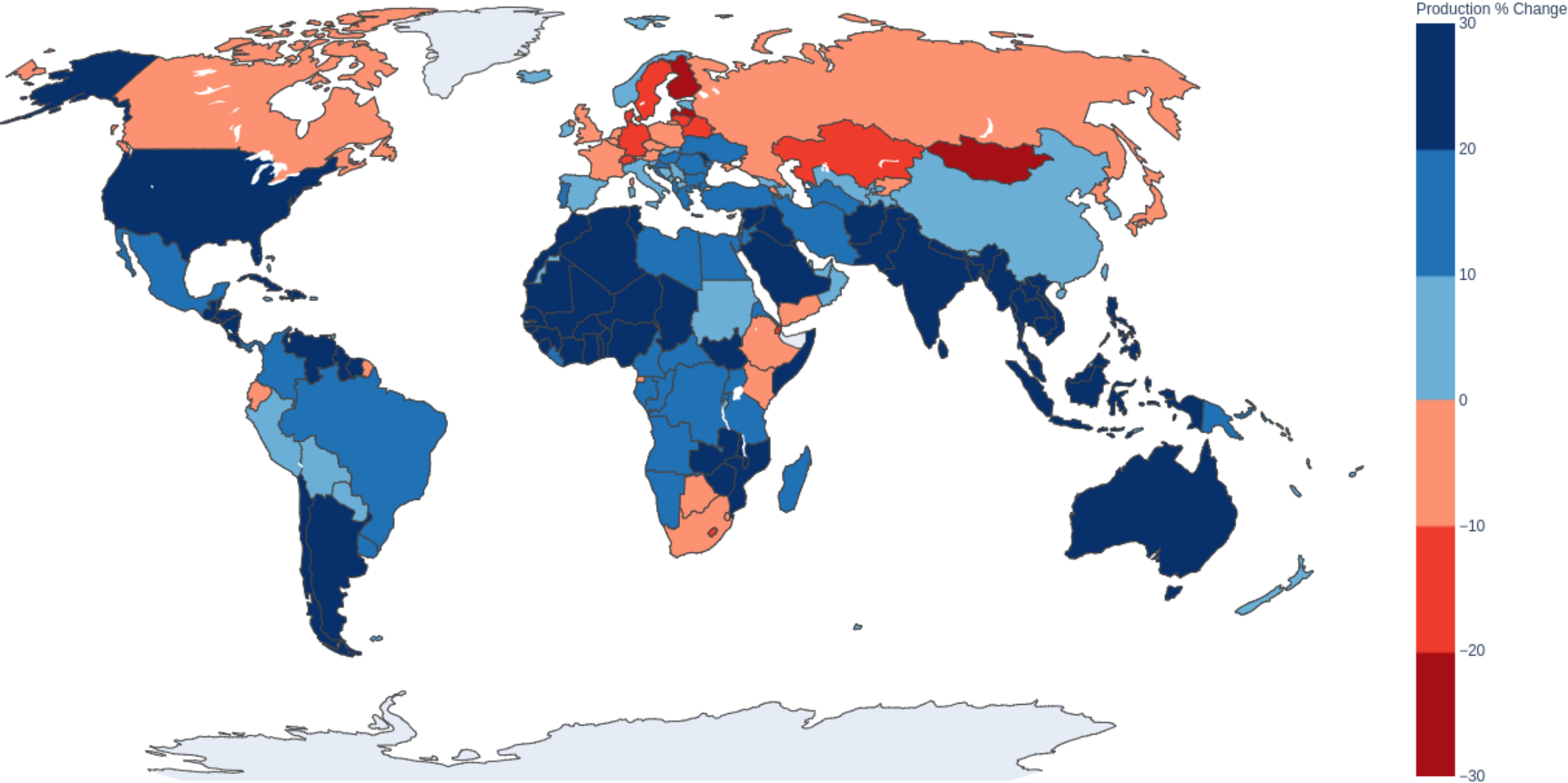
Average Annual Global Crop Production Under SSP2-4.5 and SSP2-4.5-1.5°C



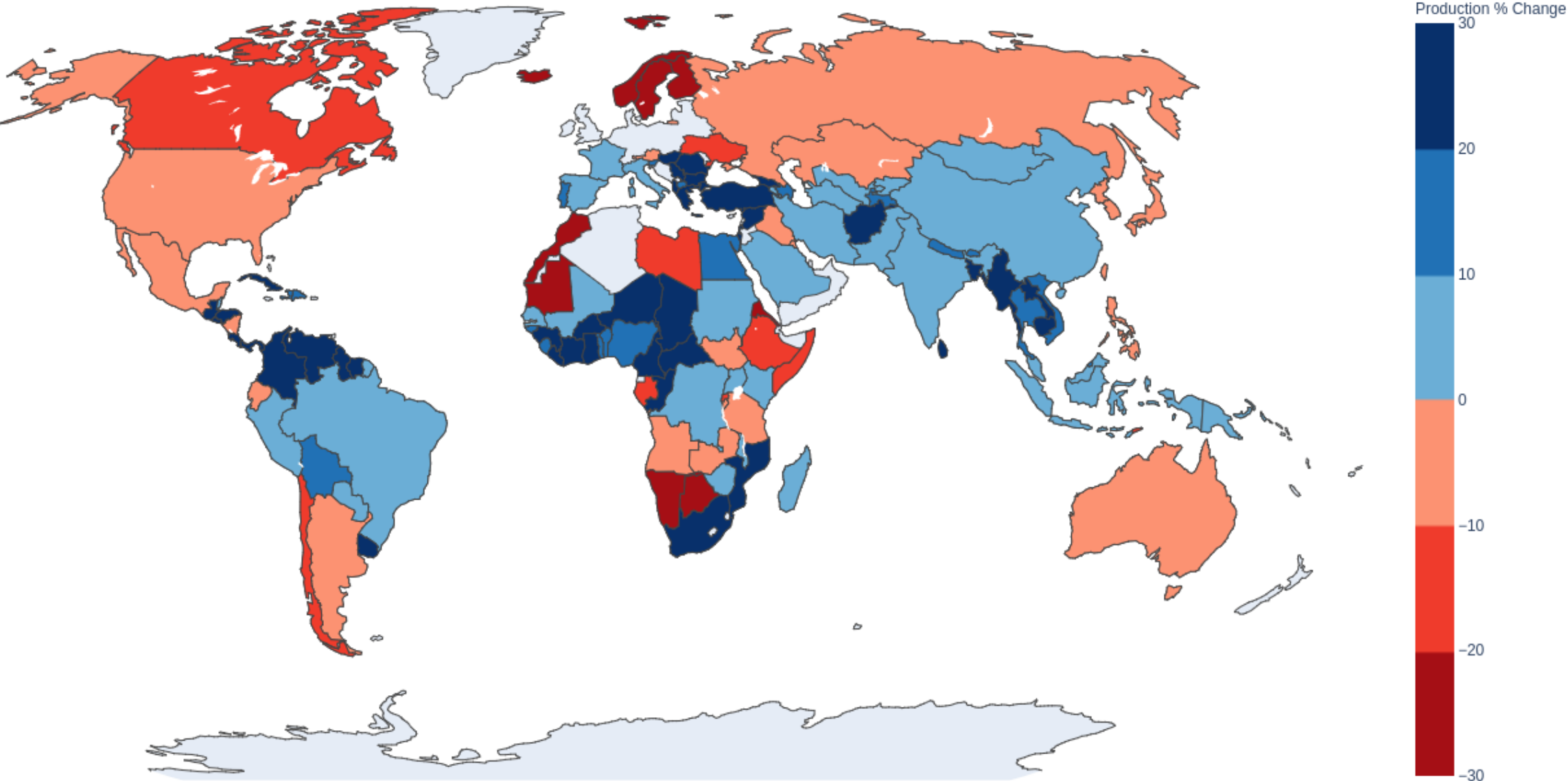
Average Annual Crop Yield Difference (2040-2060) SSP2-4.5-1.5°C minus SSP2-4.5



Corn Production Change Under SSP2-4.5-1.5°C by Country (2060-2069)



Rice Production Change Under SSP2-4.5-1.5°C by Country (2060-2069)



Percent Change in Corn Production for Top 15 Producers Under SAI 2060-2069 (One Ensemble Member)

Percent Change in Corn Proudction Under SSP2-4.5-1.5°C

40
35
30
25
20
15
10
5
0
-5
-10

15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

National Corn Production Global Ranking

Ethiopia

Japan

South Africa

France

Canada

Romania

Mexico

India

Indonesia

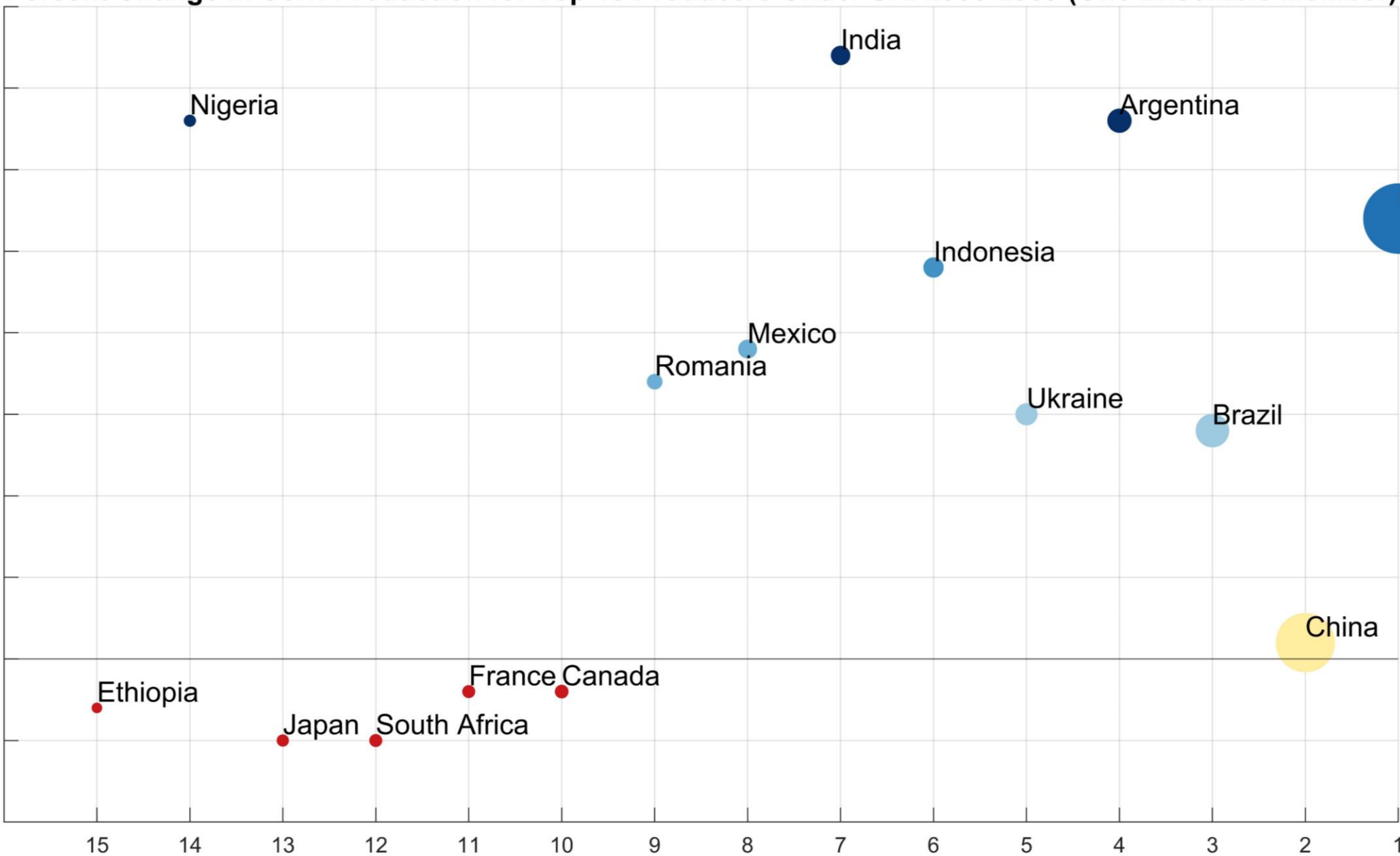
Ukraine

Argentina

Brazil

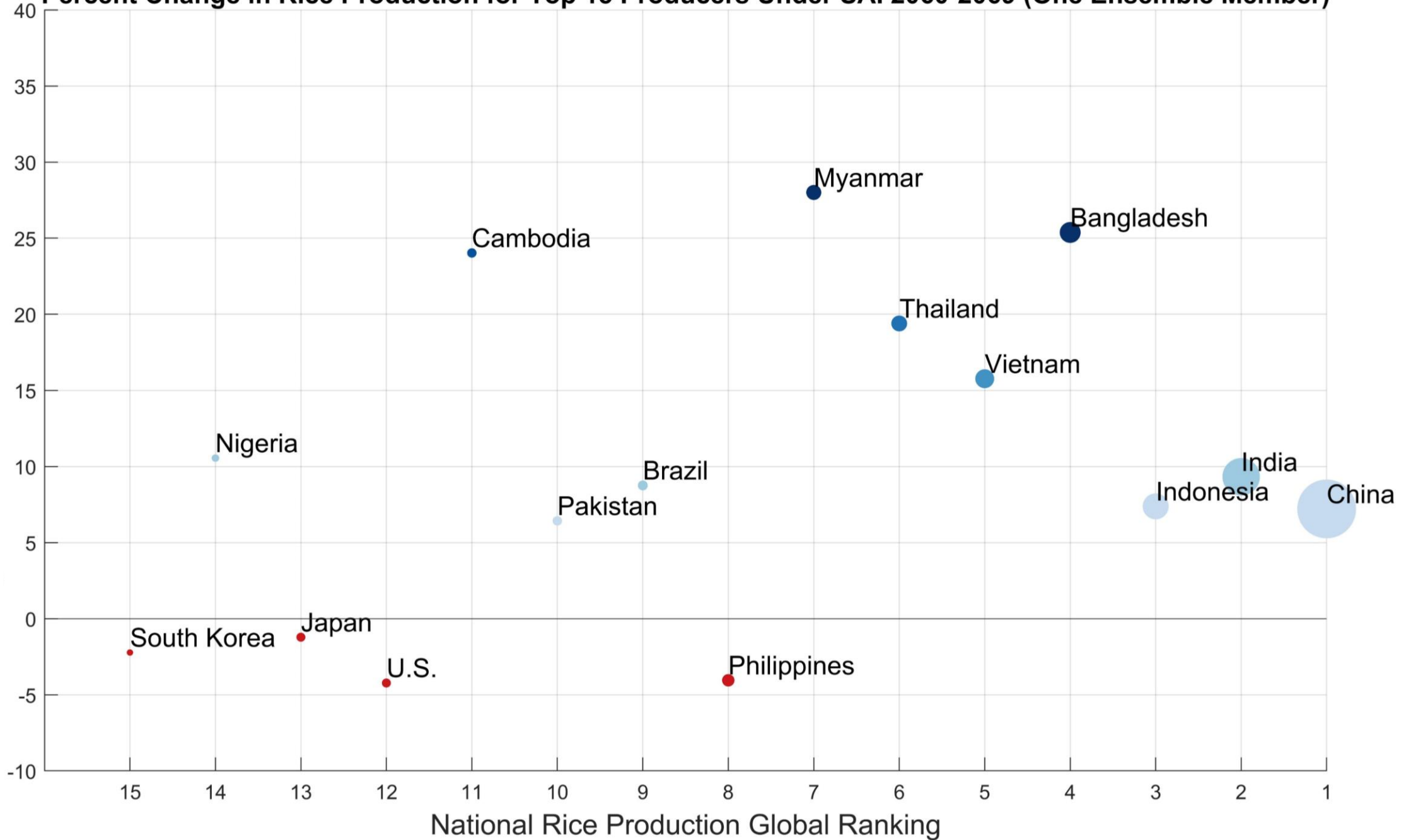
China

U.S.



Percent Change in Rice Production for Top 15 Producers Under SAI 2060-2069 (One Ensemble Member)

Percent Change in Rice Production Under SSP2-4.5-1.5°C



Conclusions

- These plots all have value
- How you choose to depict your data can tell different stories, especially to non-scientists
- Focusing on impacts to countries is more valuable for policymakers
- This applies to all impact studies, especially those for climate intervention