

**“Distinct influences of land-cover and land-management on seasonal
climate”**

^{1,2*,+}Deepti Singh, ^{3,4*}Sonali P. McDermid, ^{1,4}Benjamin I. Cook, ^{4,5}Michael J. Puma,
^{4,5}Larissa Nazarenko, and ⁴Maxwell Kelley

¹Lamont-Doherty Earth Observatory, Columbia University, Palisades, New York, USA

² Washington State University, Vancouver, WA, USA

³New York University, New York, USA

⁴NASA Goddard Institute for Space Studies, New York, NY

⁵Center for Climate Systems Research, Earth Institute, Columbia University, New York,
USA

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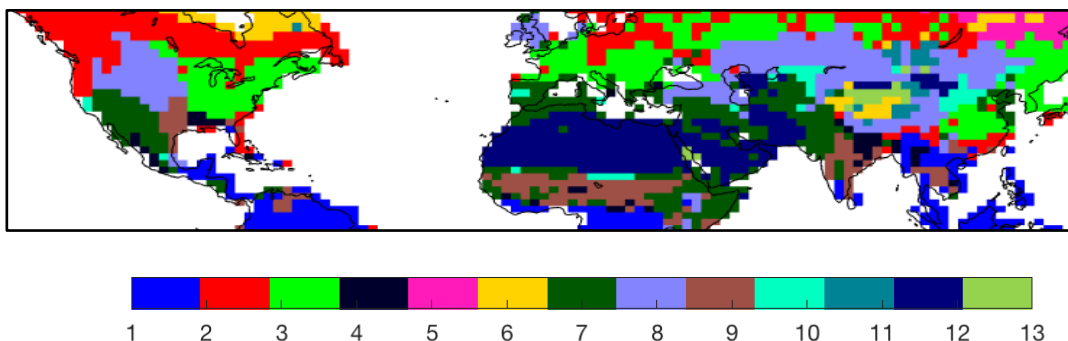
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(a) ModelE2 Dominant Vegetation Type



- | | |
|--------------------------------|-----------------------|
| 1. Evergreen Broadleaf | 7. Arid Adapted Shrub |
| 2. Evergreen needleleaf | 8. C3 Grass Perennial |
| 3. Cold deciduous broadleaf | 9. C4 Grass Perennial |
| 4. Drought deciduous broadleaf | 10. C3 Grass Annual |
| 5. Deciduous Needleleaf | 11. C3 Grass Arctic |
| 6. Cold Adapted Shrub | 12. Bare bright soil |
| | 13. Bare dark soil |

(b) Fractional crop cover

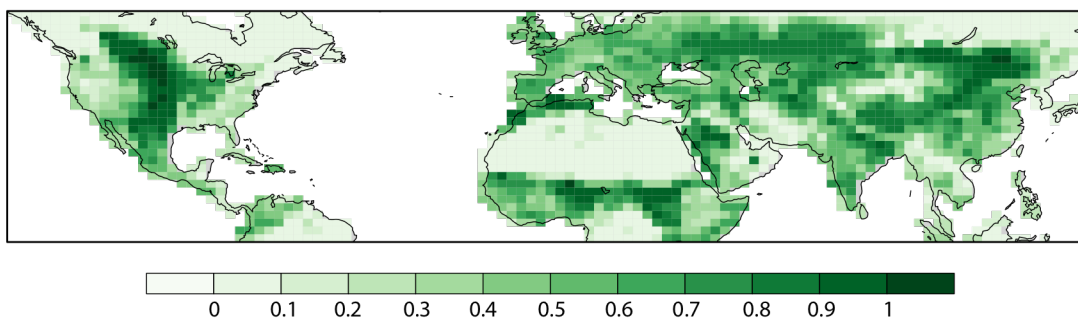


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Crops - Natural Vegetation

IrrigatedCrops - Crops

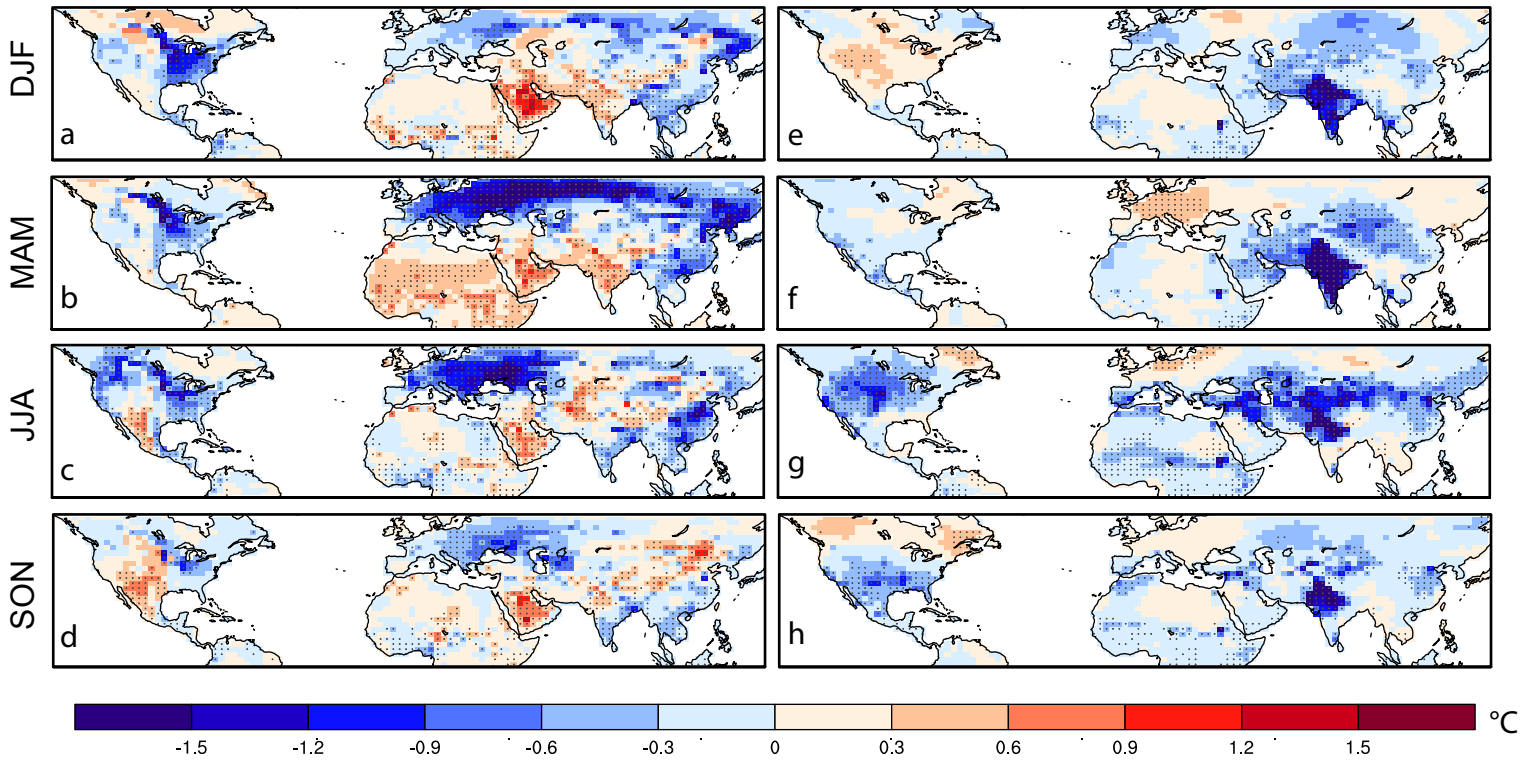


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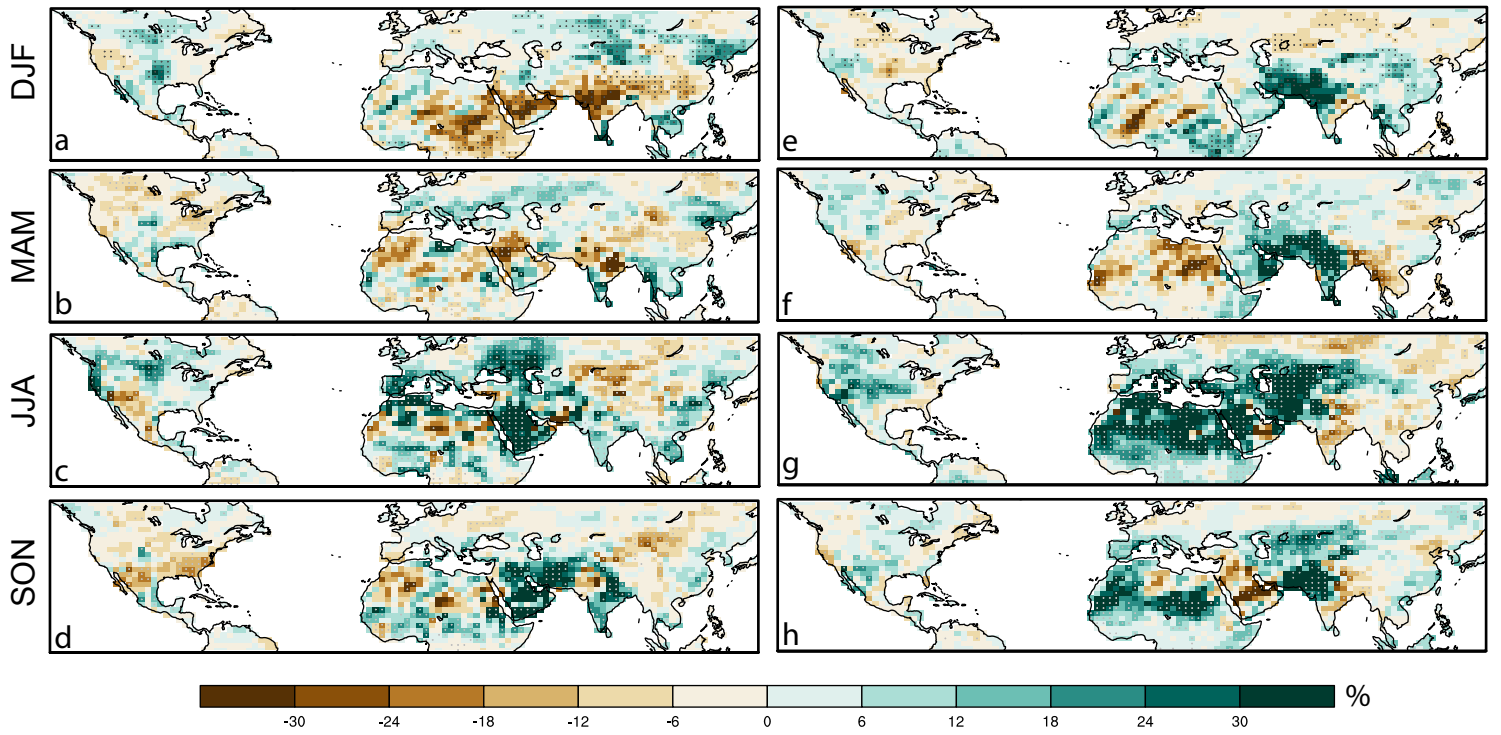


Figure S3. Same as in Fig. S2 but for seasonal precipitation.

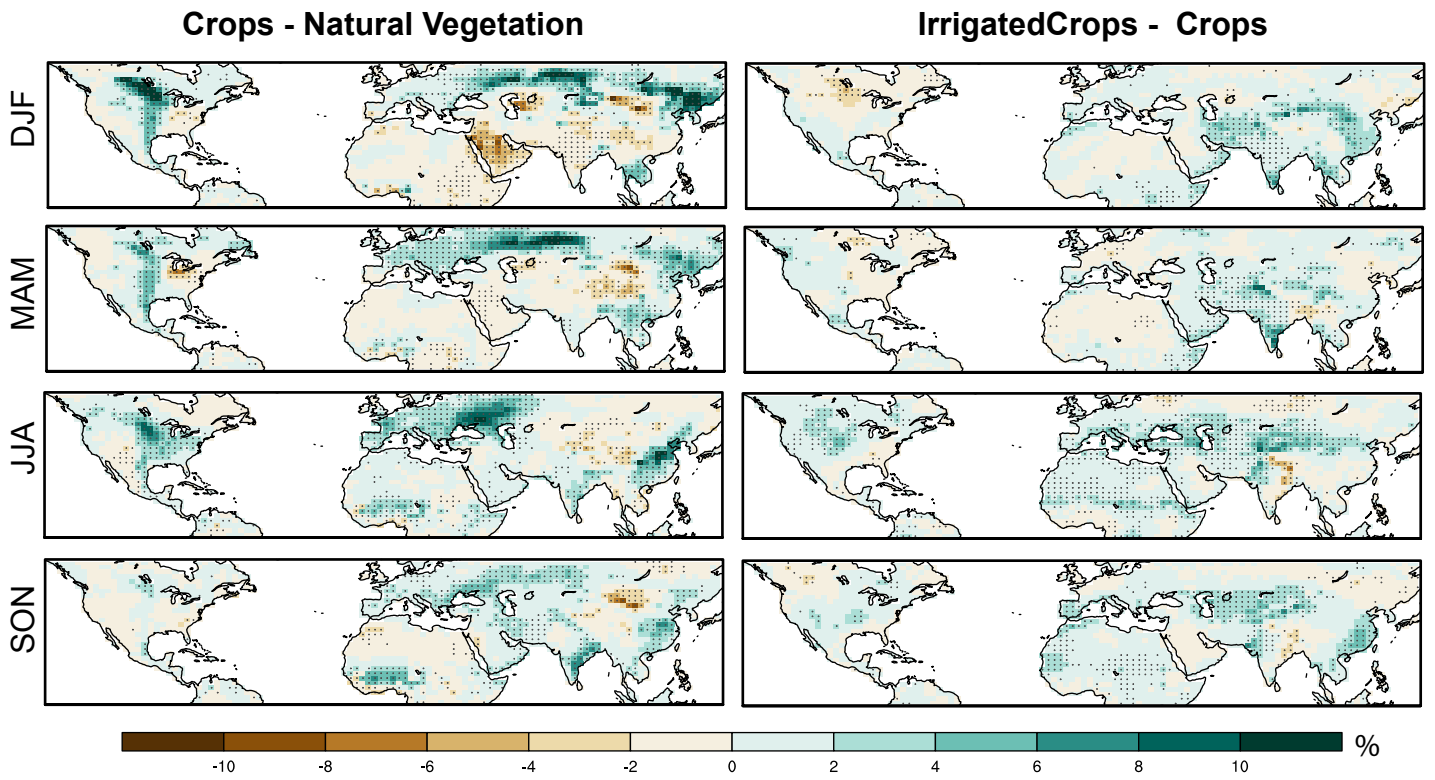


Figure S4. Same as in Fig. S2 but for percent change in cloud cover

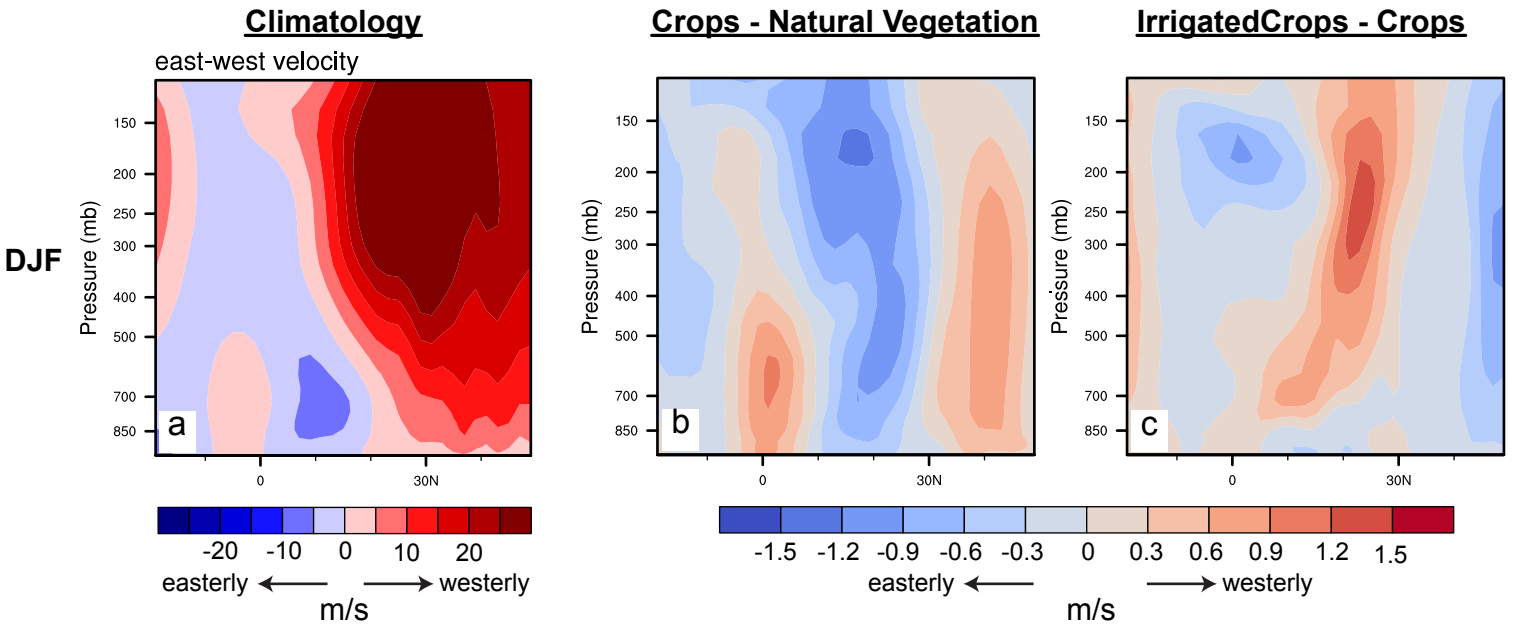


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