

Set of maps for the working groups: Floods

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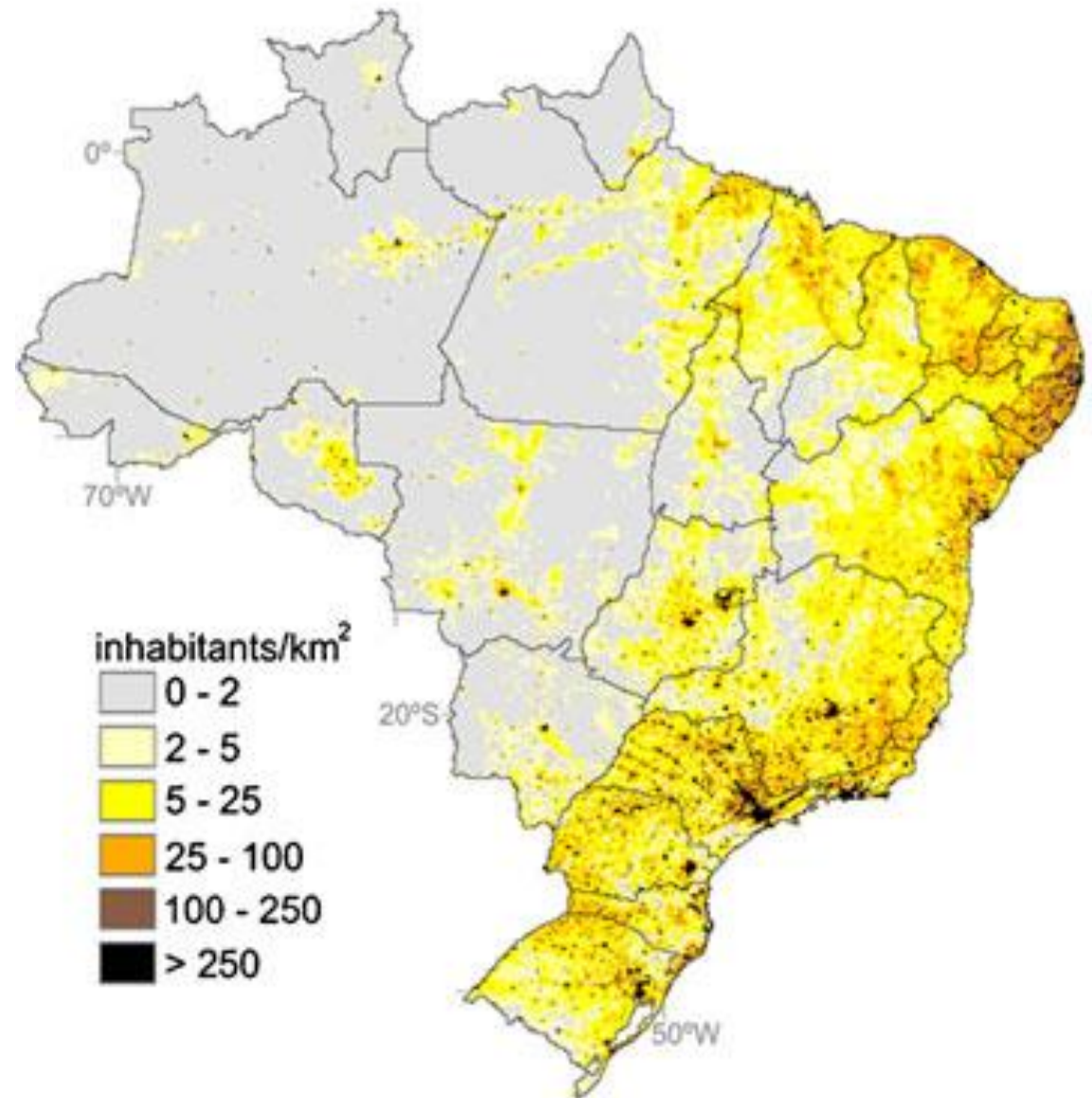
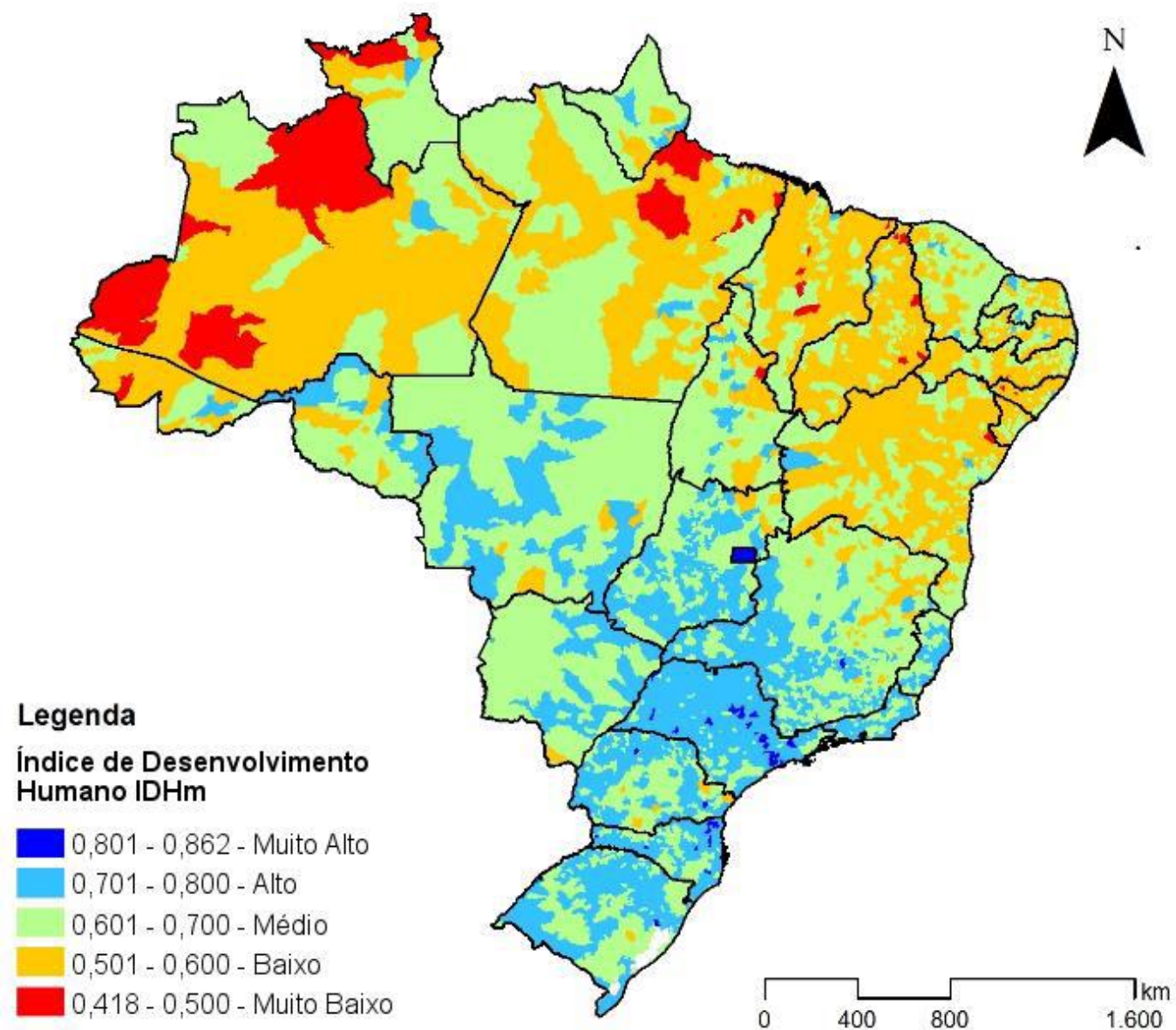


Figure S1. Population density of the year 2000 (adapted from Torres et al., 2012).

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**Figure S2. Human Development Index Map (adapted from MMA, 2017).**

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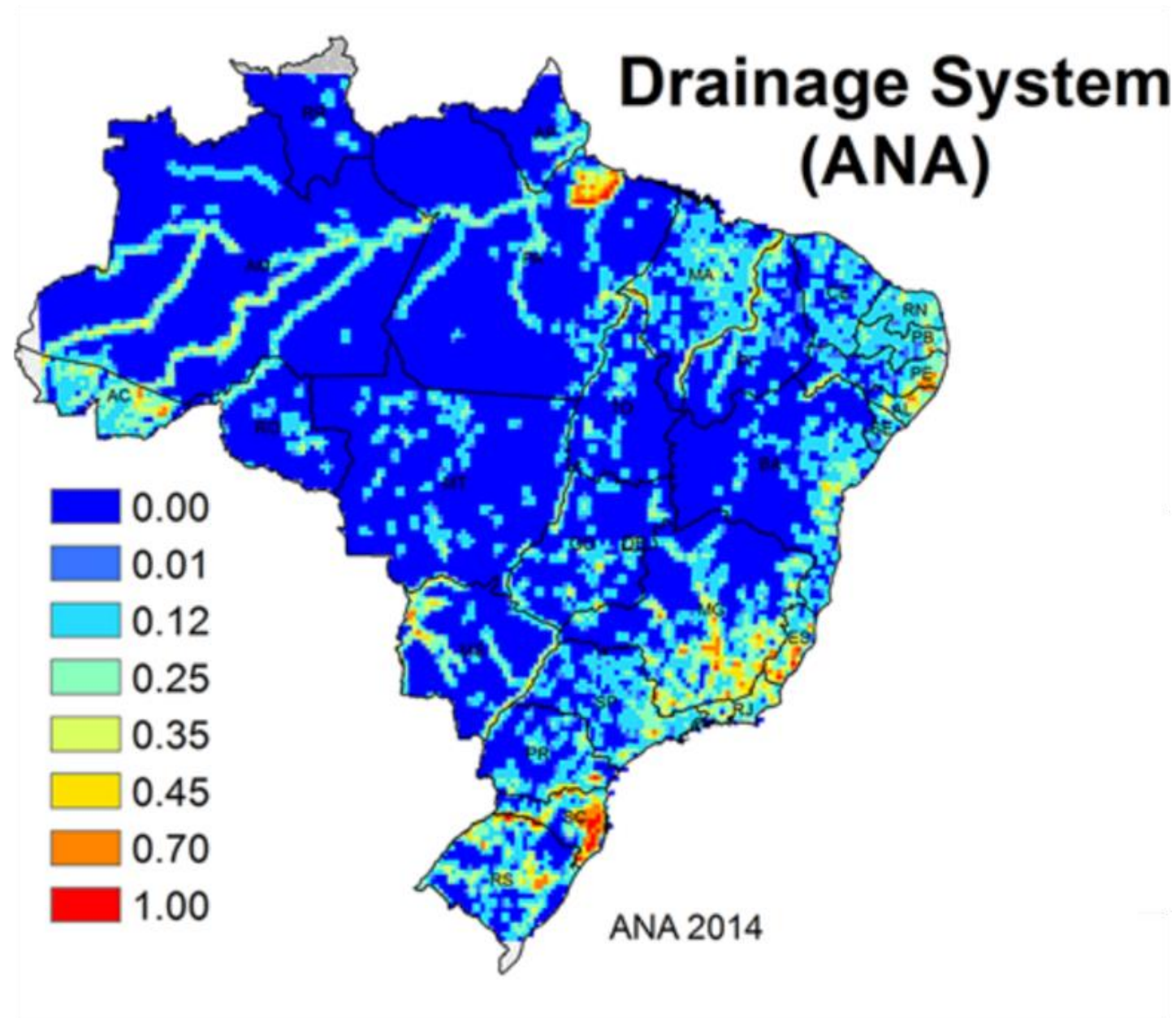


Figure S3. Drainage system (adapted from Debortoli et al., 2017).



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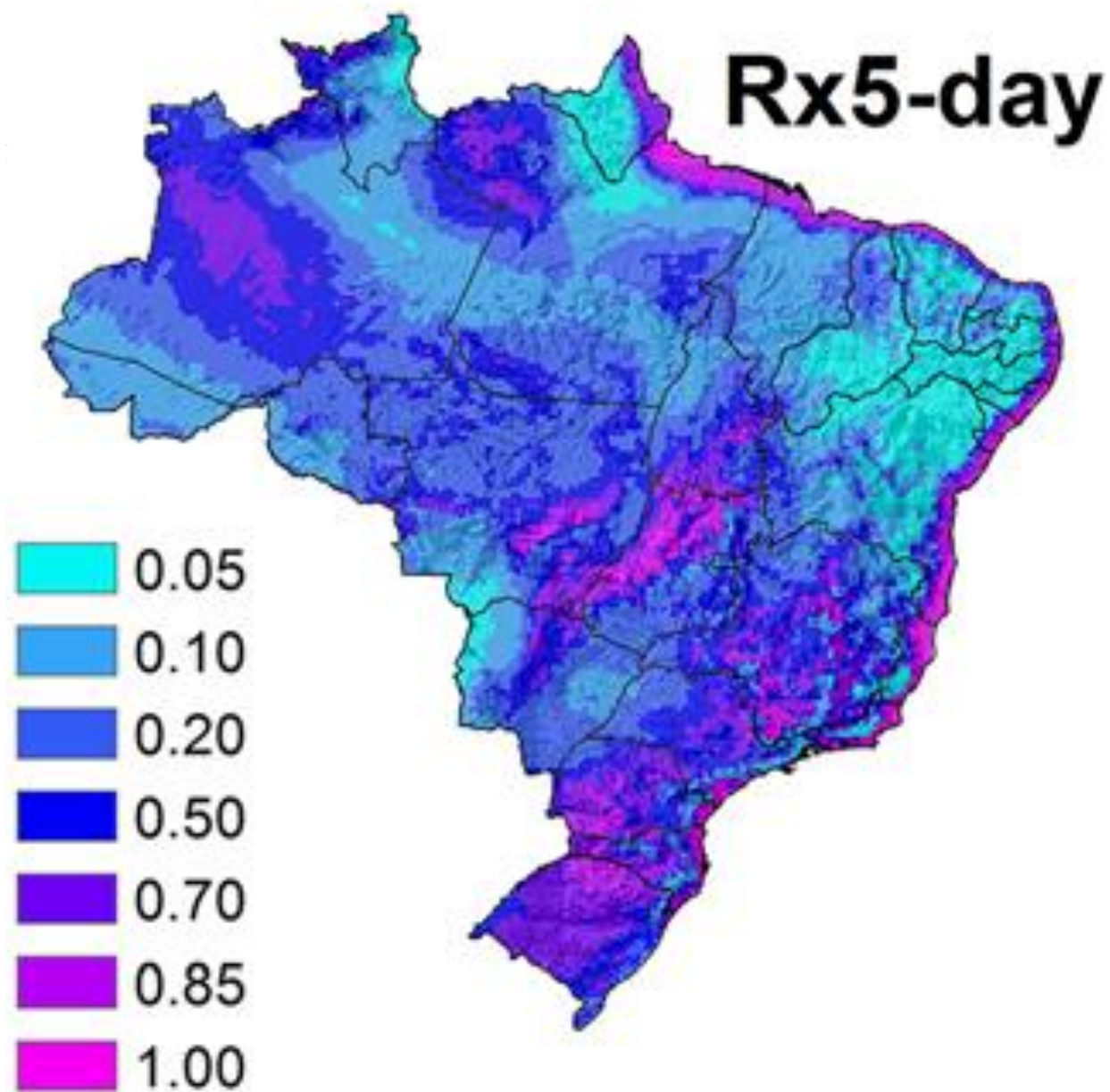


Figure S4. maximum consecutive 5-day precipitation (normalized) for the period of 1961-1990 (adapted from Debortoli et al., 2017).

**Set of maps for the working group: Landslides**

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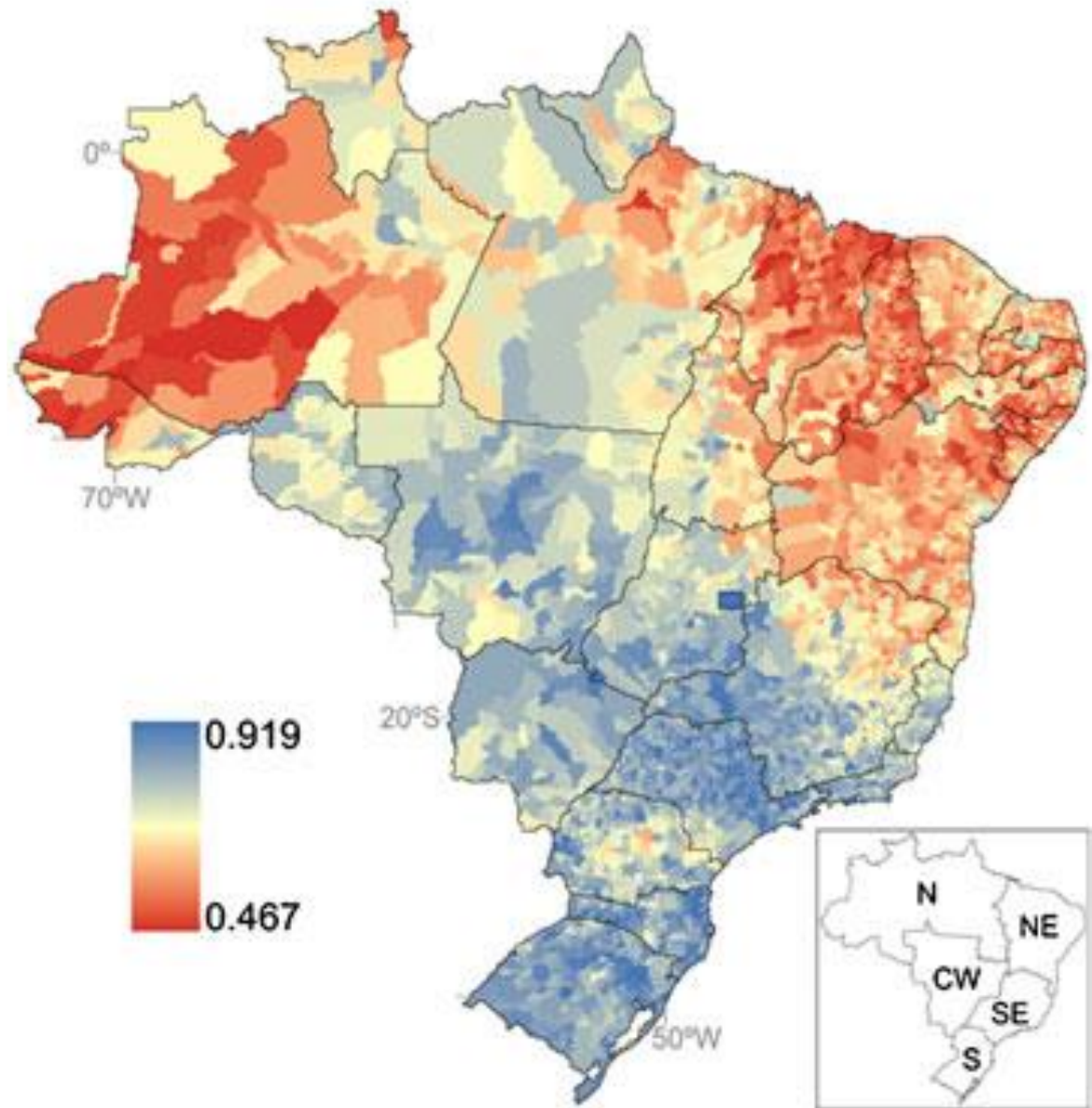


Figure S5. Human Development Index Map (adapted from Torres et al., 2012).

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**Cartograma 1 - Municípios com Conselho Municipal de Habitação - 2017**

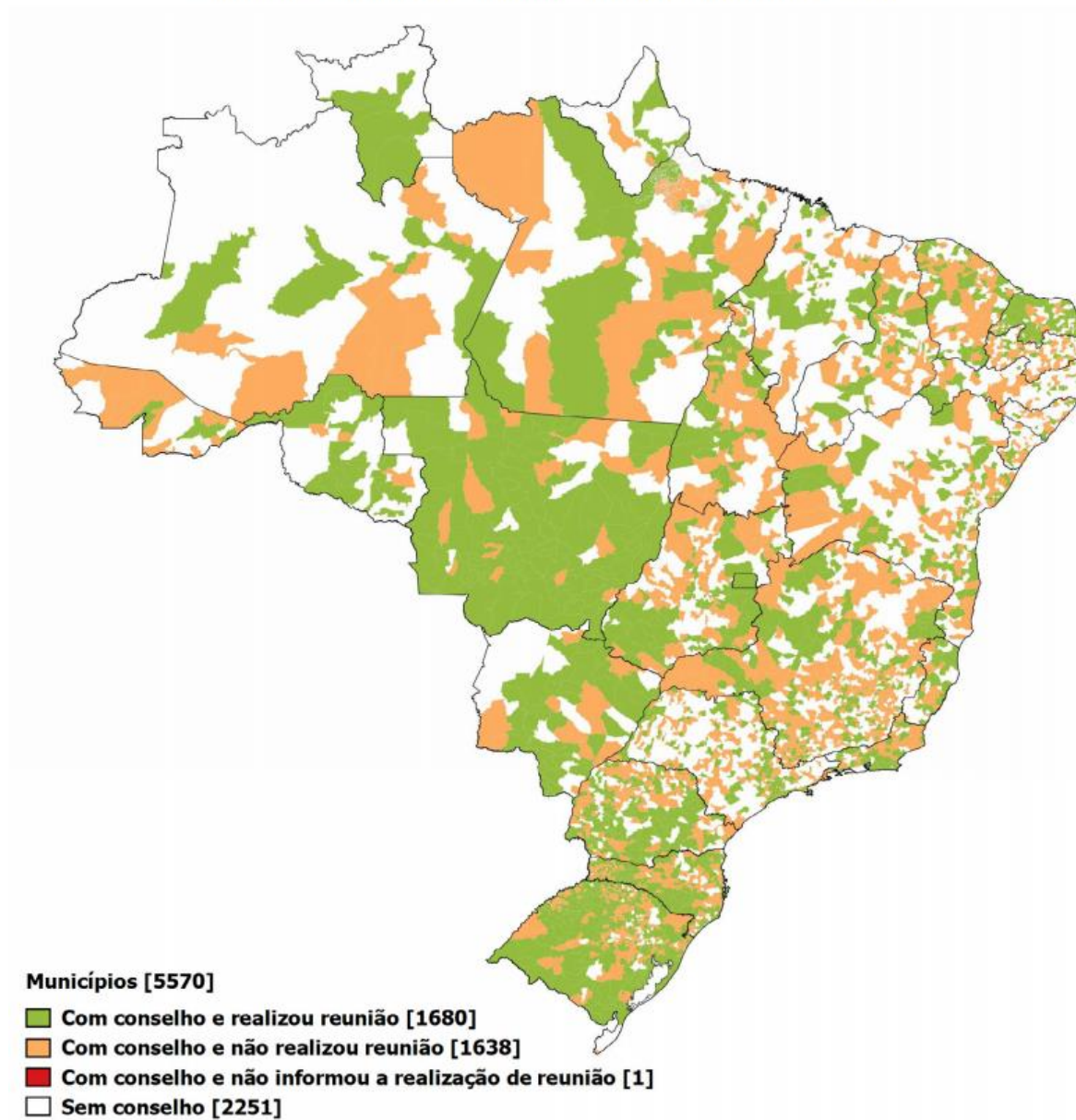


Figure S6. Municipalities with Municipal Housing Council (adapted from IBGE, 2017).



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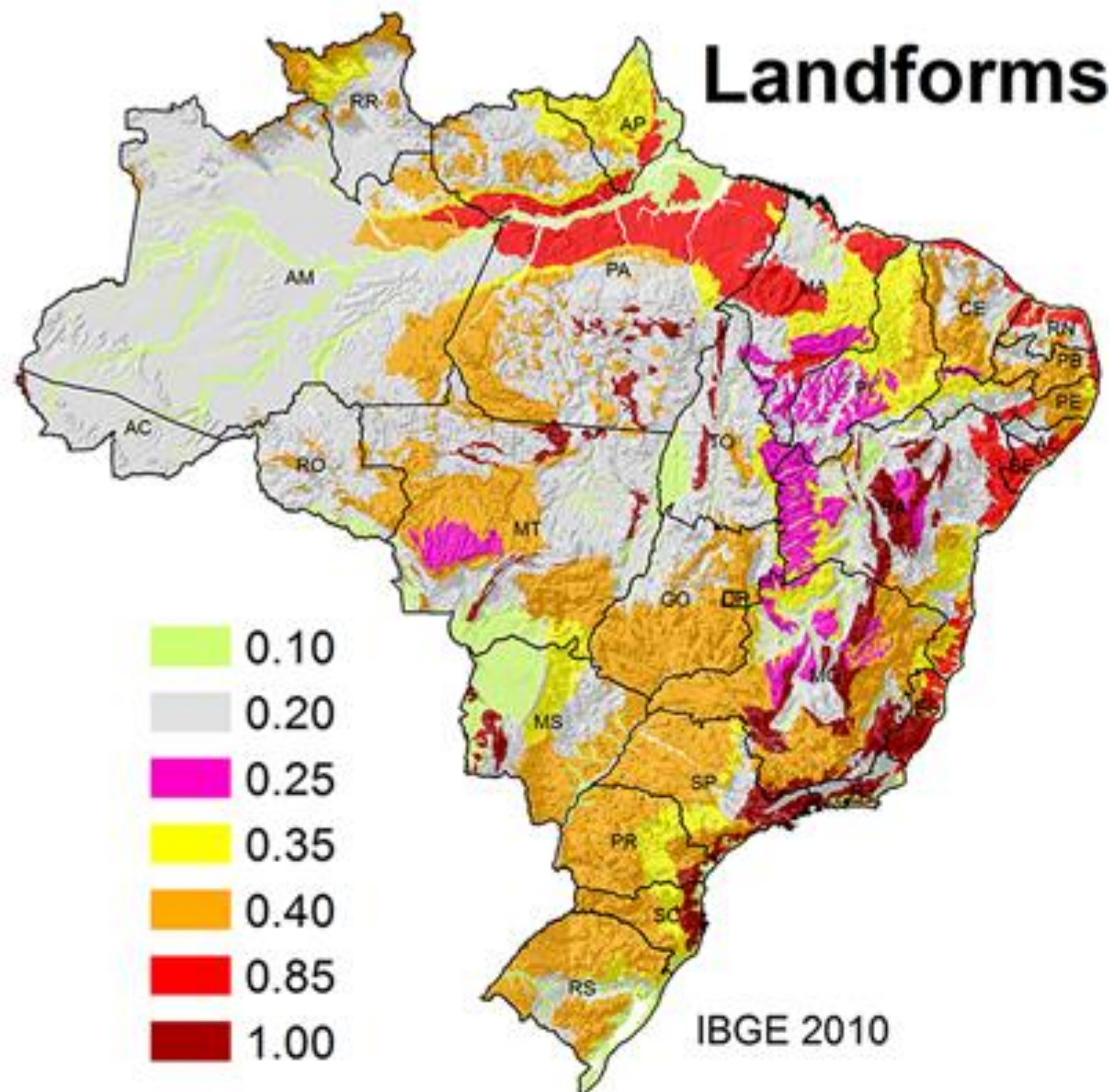


Figure S7. Landforms (adapted from Debortoli et al., 2017).

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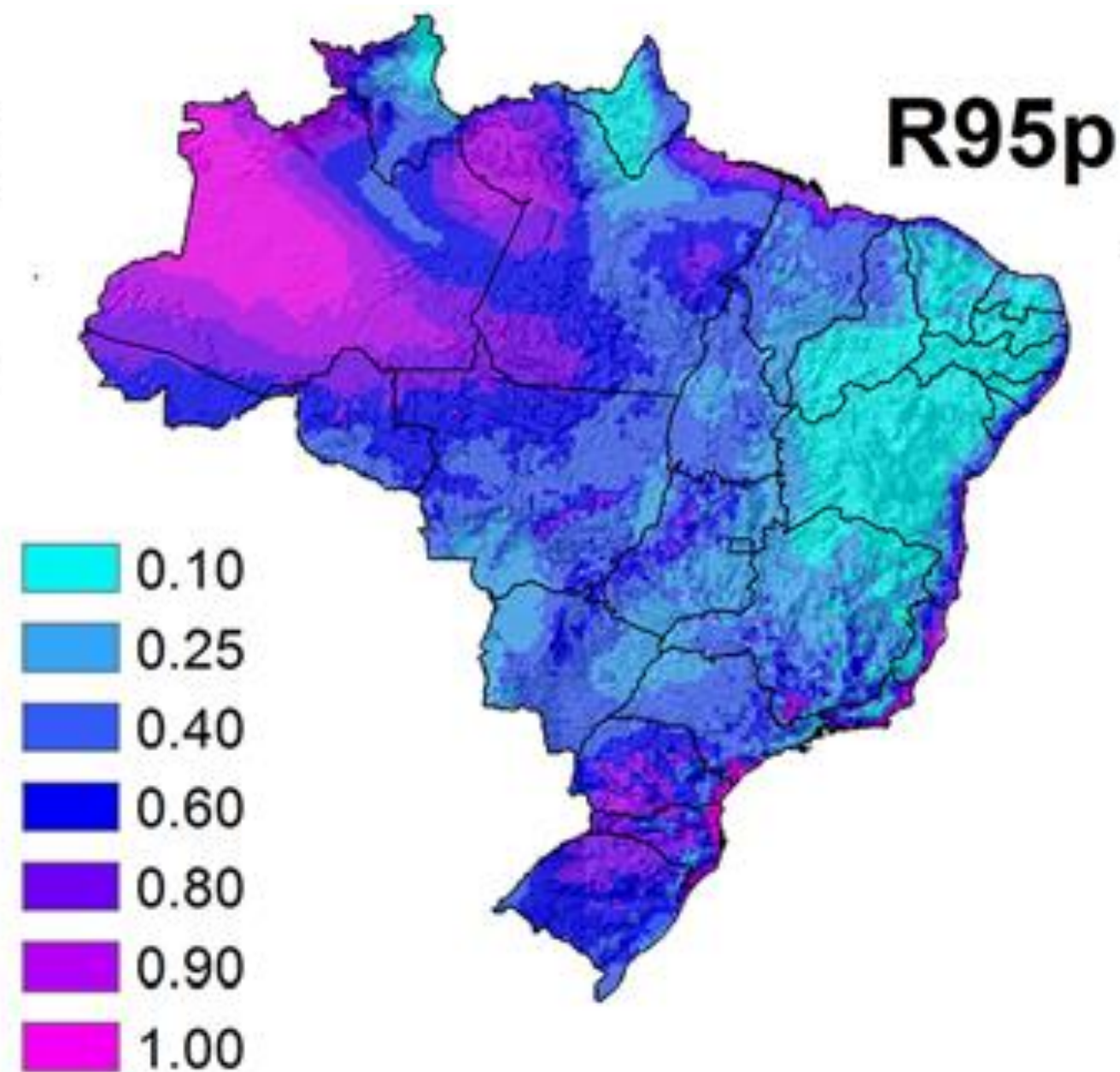


Figure S8. Annual total precipitation when precipitation > 95th percentil (normalized) for the period of 1961-1990 (adapted from Debortoli et al., 2017).

Set of maps for the working group: Water Scarcity

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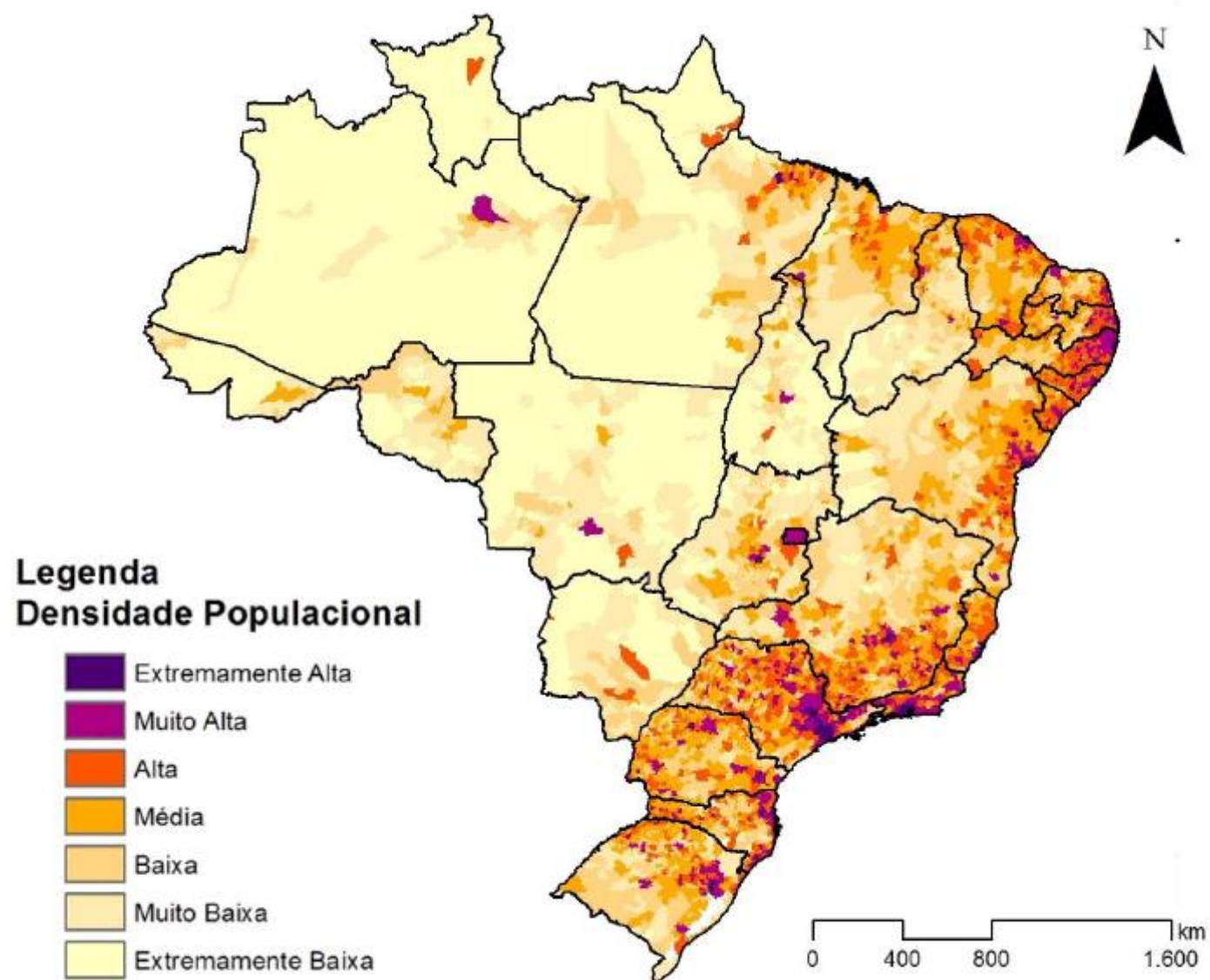
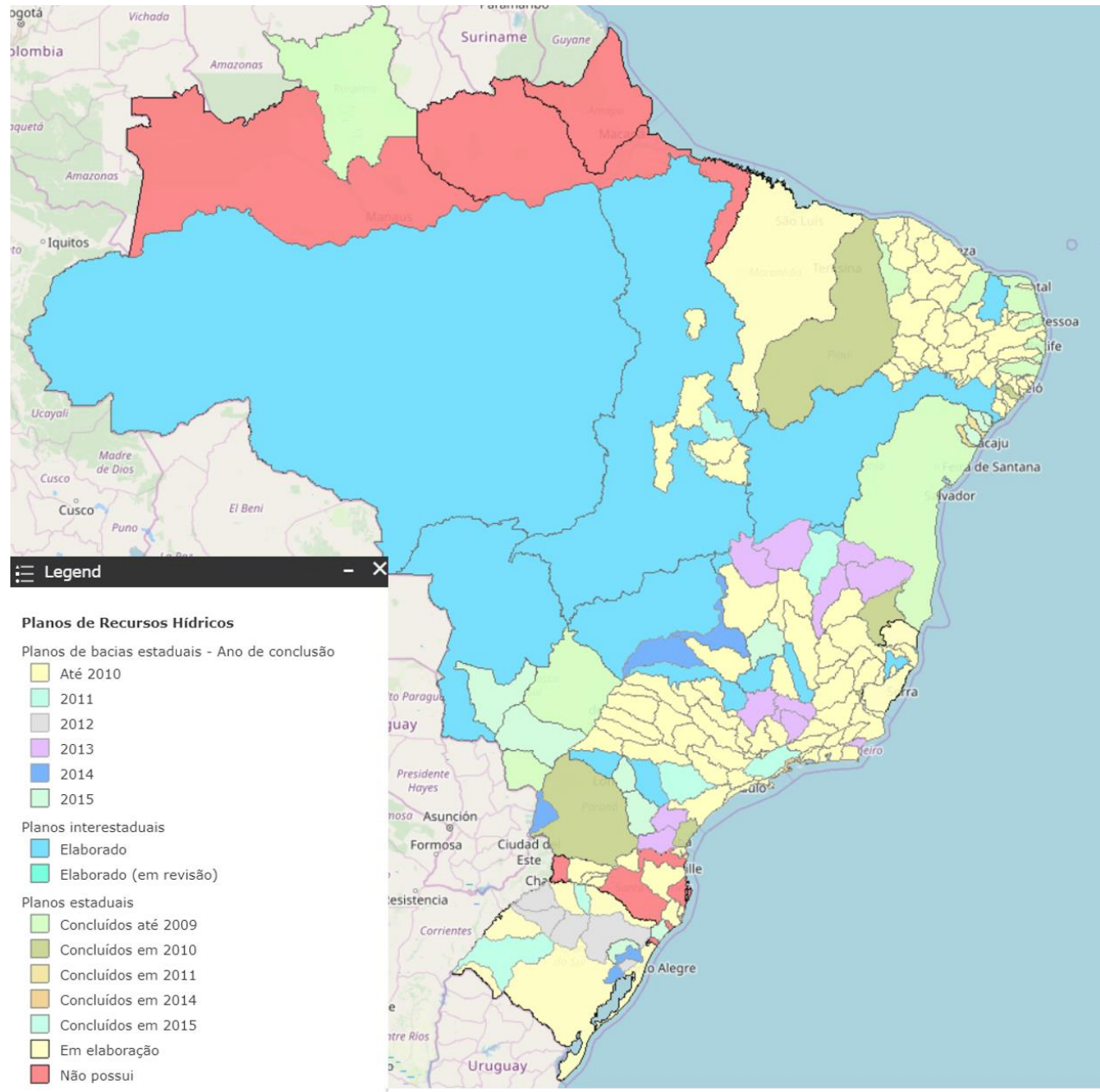


Figure S9. Population density of 2010 (adapted from MMA, 2017).



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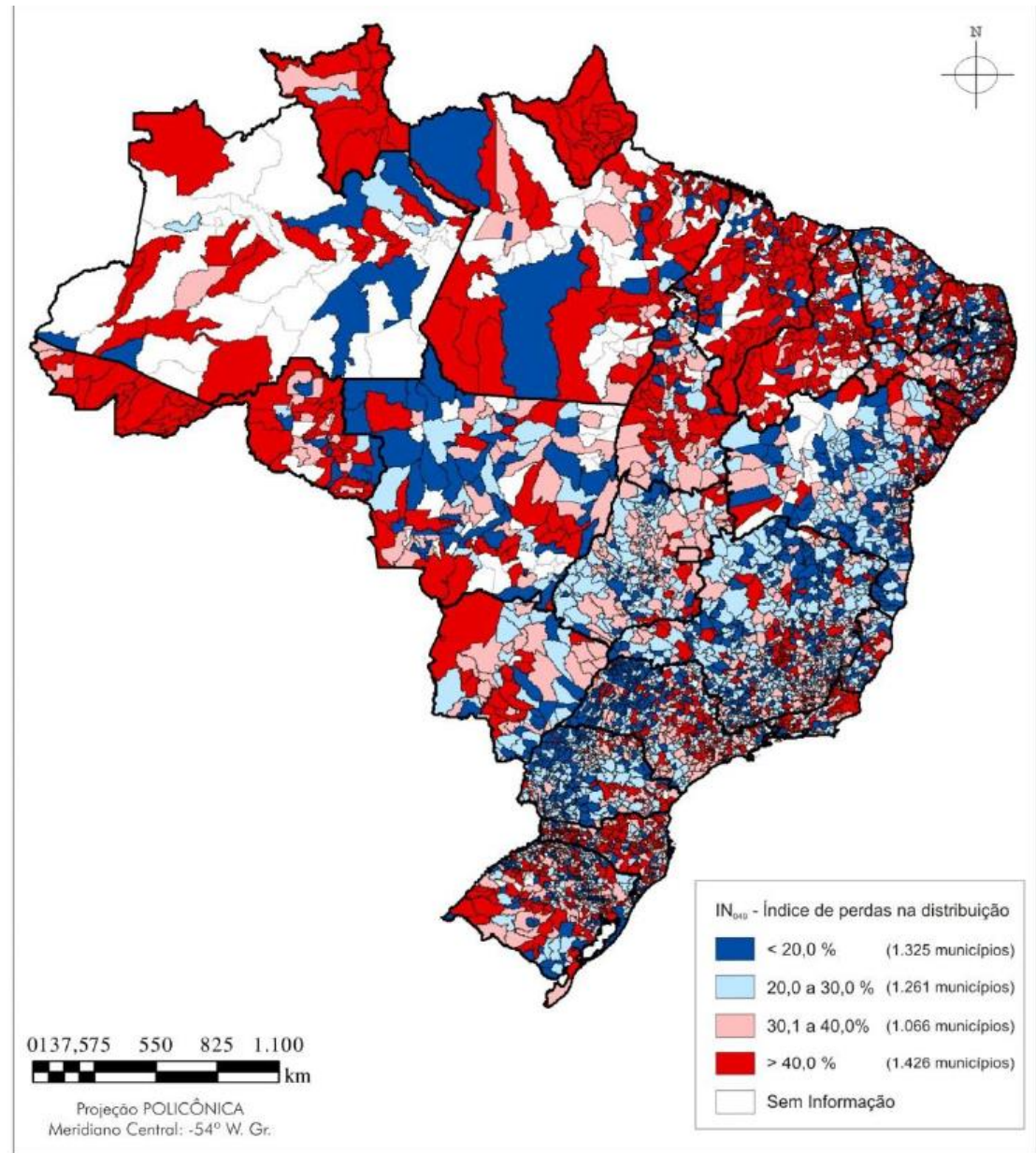
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**Figure S10. Stage of implementation of the water resources planning (adapted from Planos de Recursos Hídricos, 2020).**

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Fonte: Malha municipal digital do Brasil, Base de Informações Municipais 4. IBGE, 2003. Dados: SNIS, 2017.

**Figure S11. Water distribution loss index (adapted from Brasil, 2017).**

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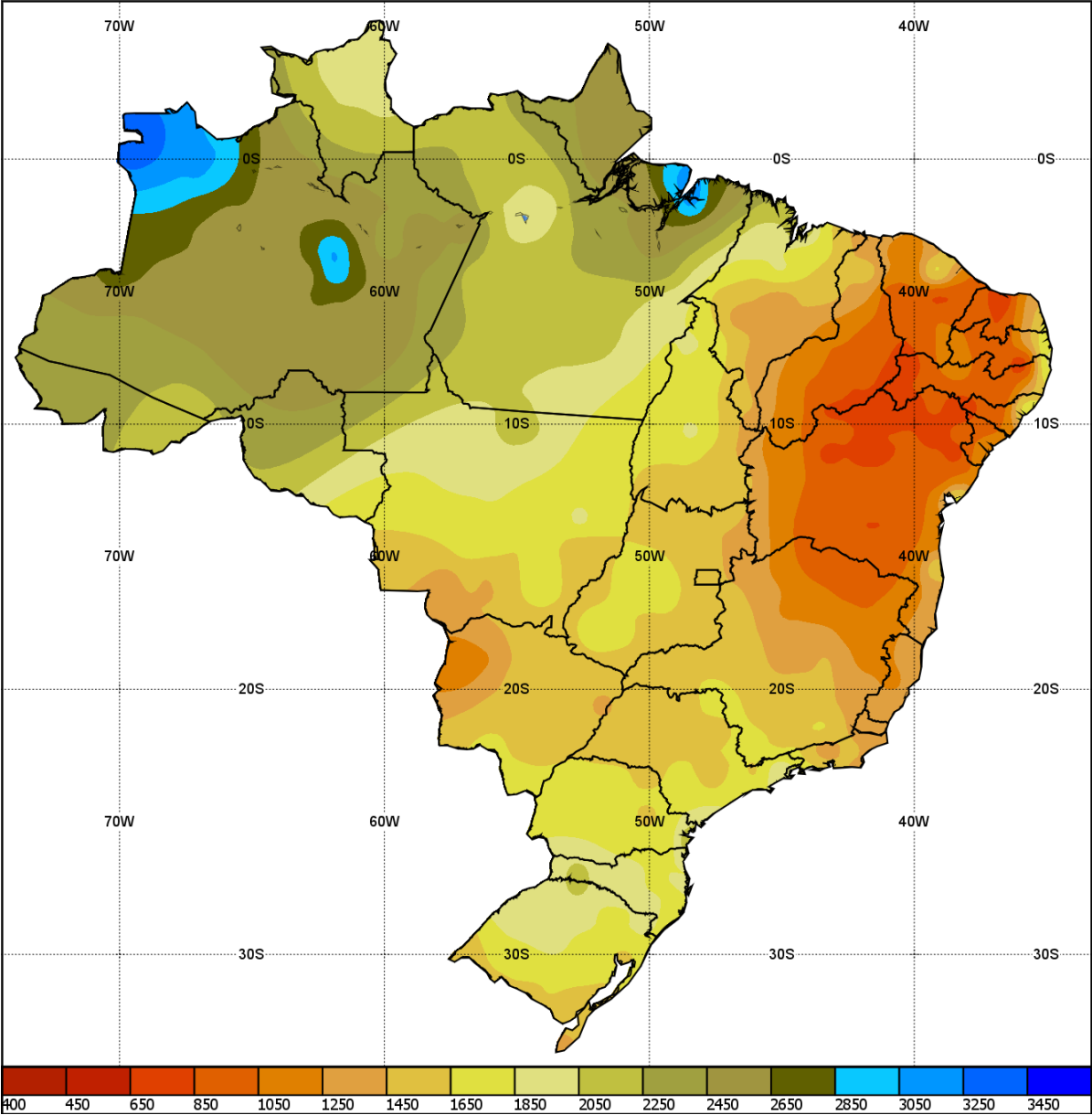


Figure S12. Annual rainfall for the period of 1981-2010 (Normais climatológicas do Brasil, 2020).

**Set of maps for the working group: Agricultural Droughts**



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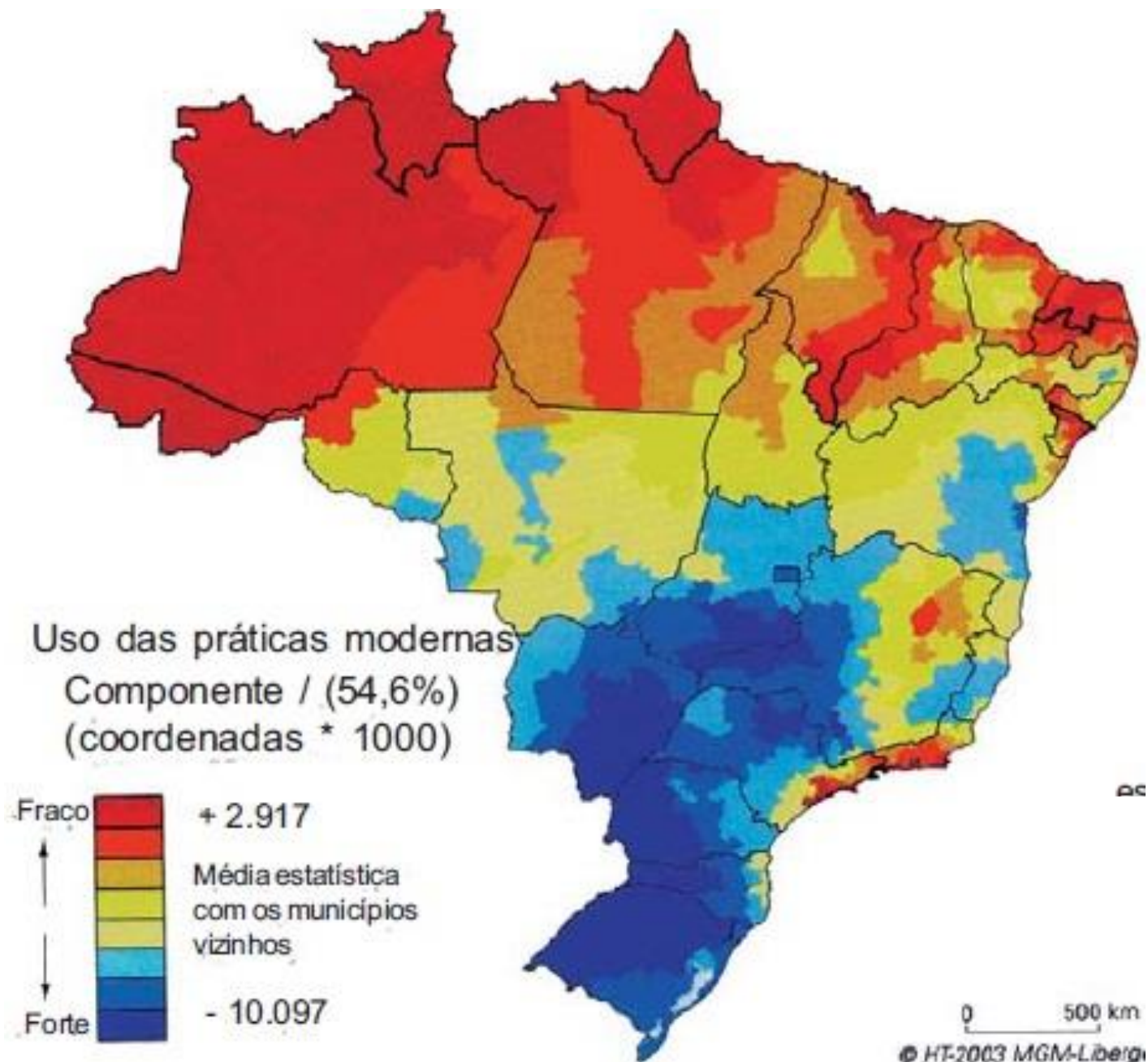


Figure S13. Use of modern agricultural practices (adapted from Théry e Mello 2008).

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Figure S14. Properties with protected water springs (adapted from IBGE 2019).



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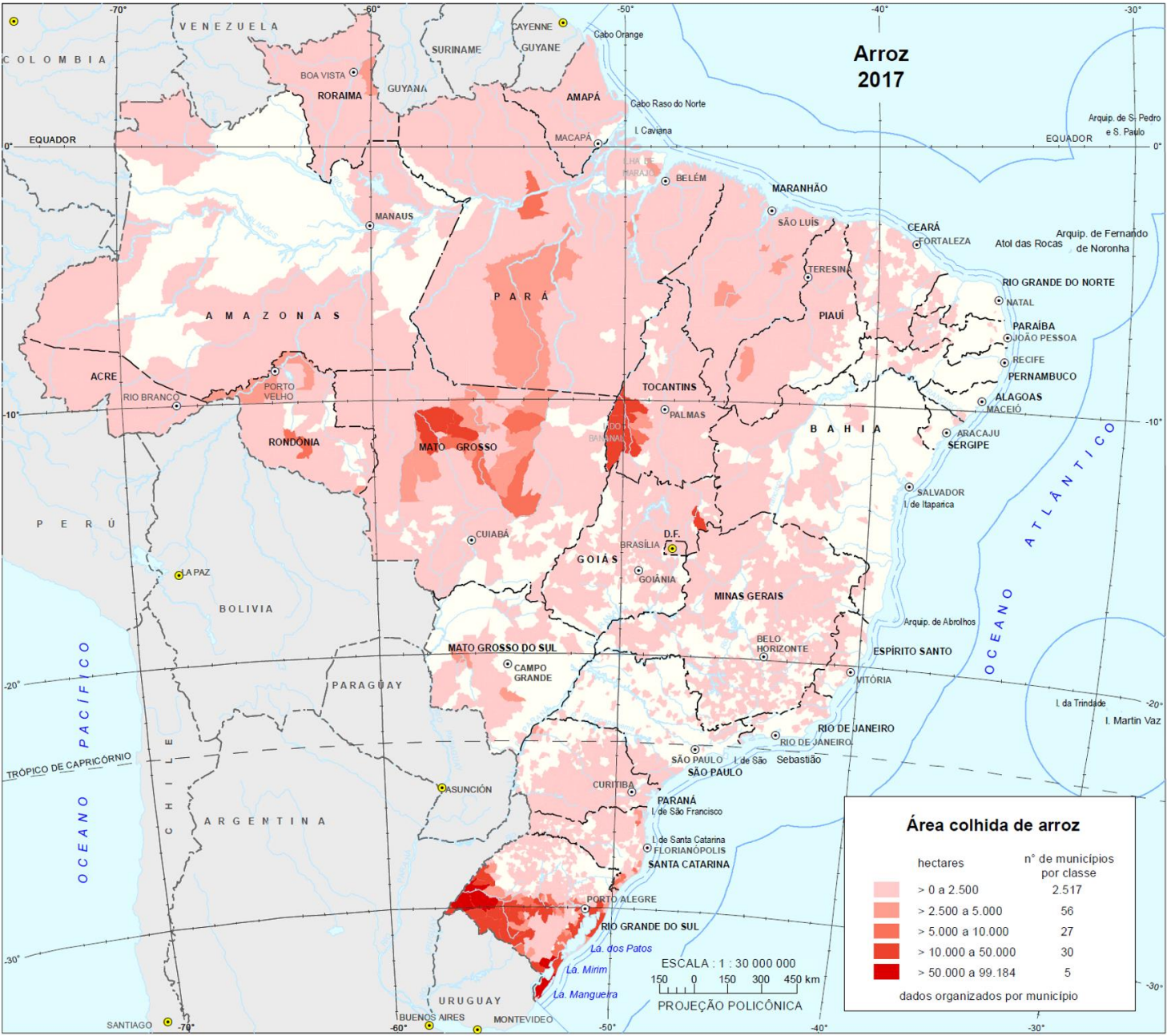


Figure S15. Rice production (adapted from IBGE, 2019).

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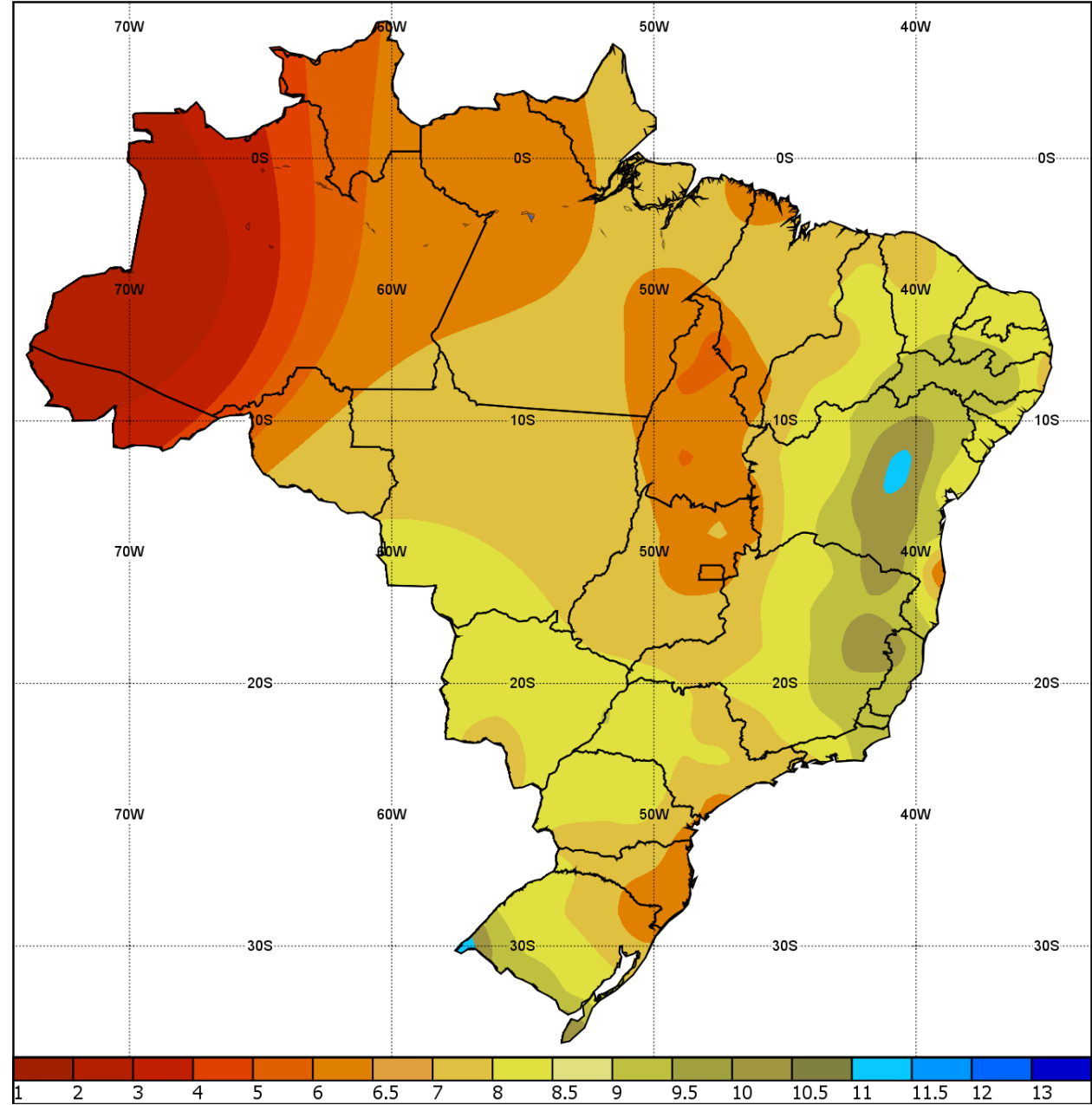


Figure S16. Number of dry spells longer than 9 days for the period of 1981-2010 (adapted from INMET, 2020).



## References:

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