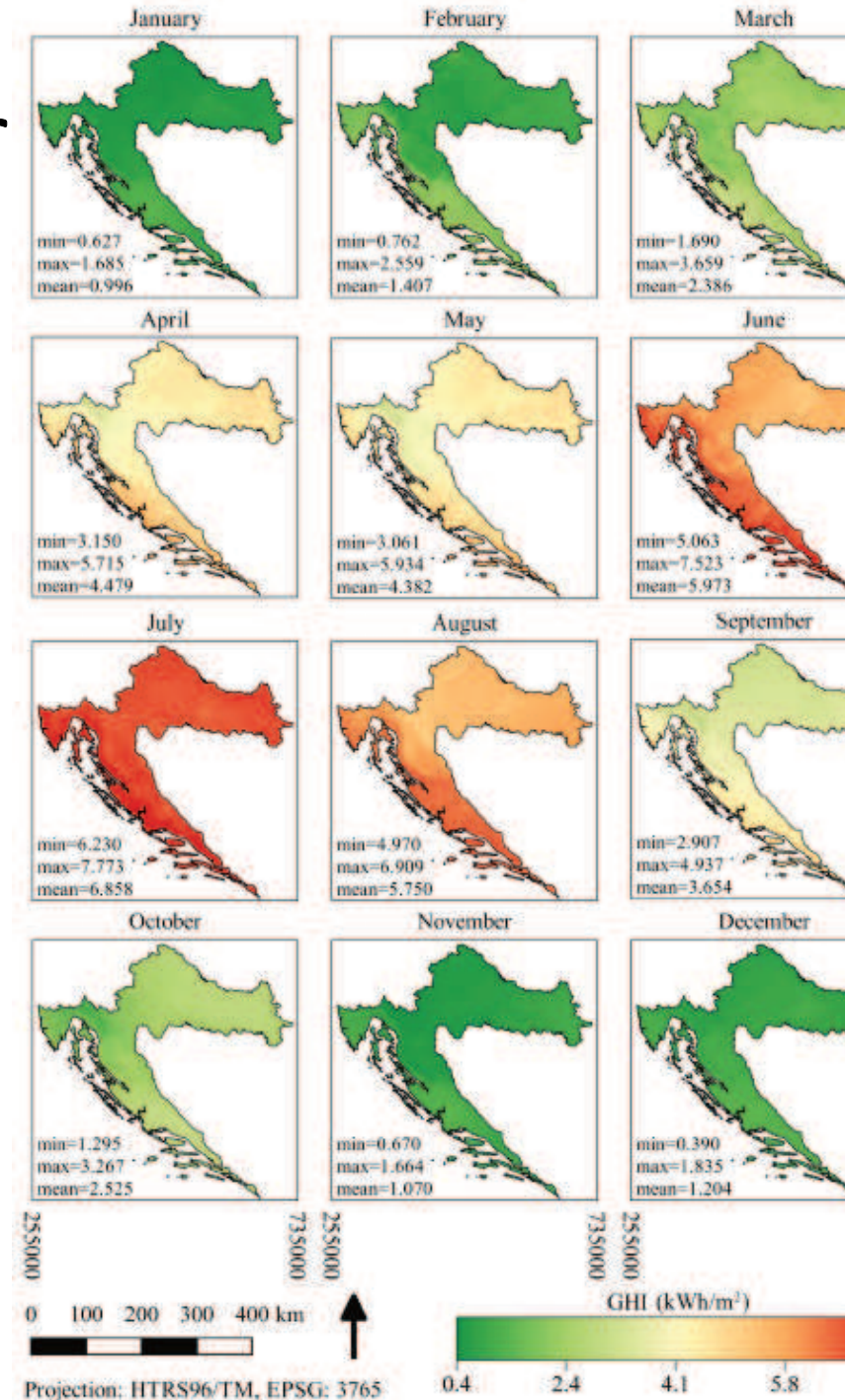


Solar Energy Potential in Croatia, GIS-based application

Iva Gašparović, Mateo Gašparović, Damir Medak

GIS-based calculation of Solar Energy Potential in Croatia

- Calculation of the global horizontal irradiation (GHI) in Croatia by open source, GRASS GIS software.
- GHI compared with the values of electricity consumption and imports in Croatia shows correlation.
- Solar energy exploitation can significantly reduce the need for electricity imports in Croatia and ensure sustainable development.



Iva Gašparović, Mateo Gašparović, Damir Medak – SCERIN Research Highlights - poster 'flash talks' – Zagreb, 11.6.2018.