

Backyard housing change:
2001-2016



Informal housing change:
2001-2016



GCRO Map of the Month 20
Feb 2018

<https://www.gcro.ac.za/outputs/map-of-the-month/detail/backyard-and-informal-dwellings-2001-2016/>



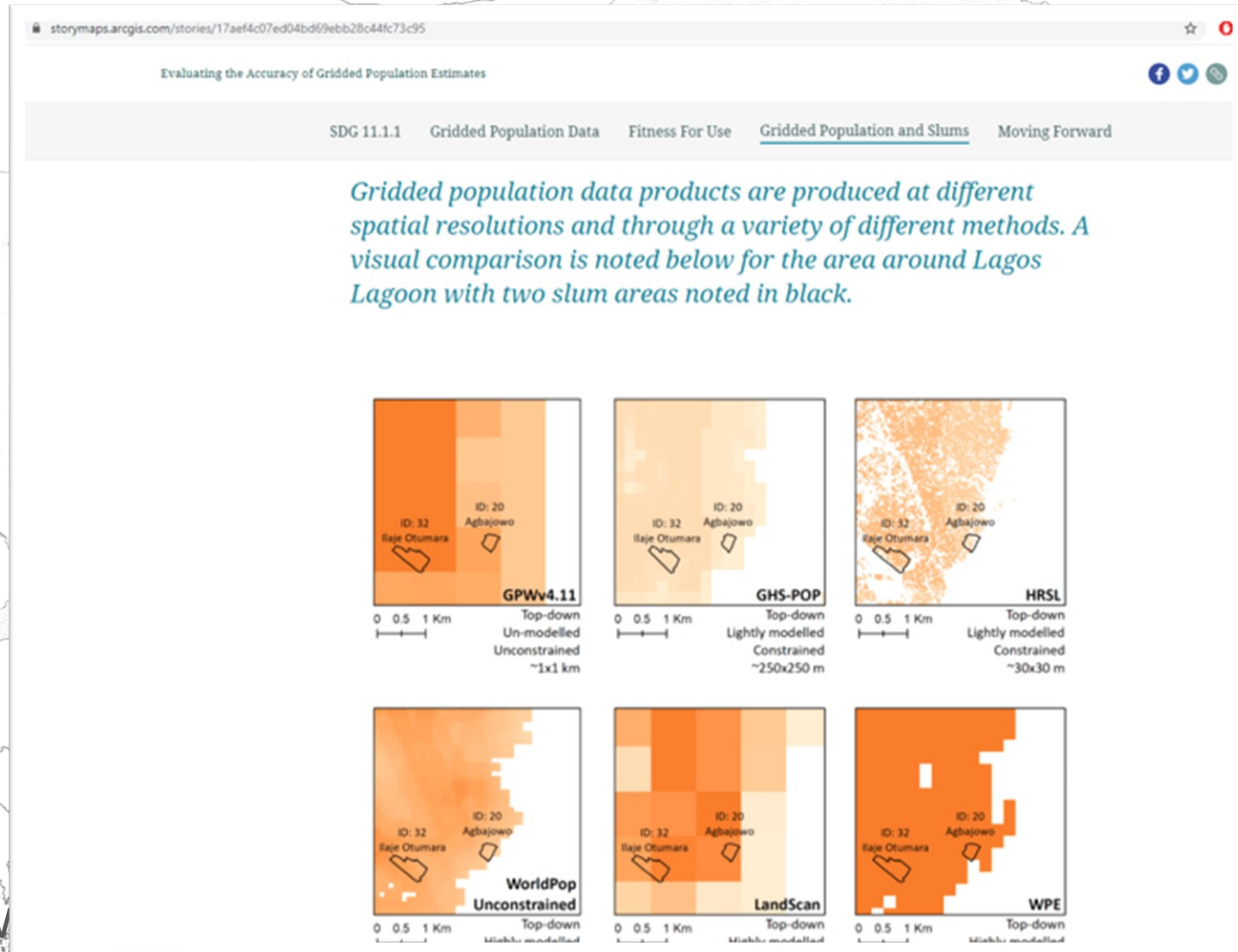
Issues of Scale When Integrating Earth Observations and Derived Data for Monitoring SDG 11-Related Metrics

Considering the **scale of EO data**, in both **spatial** and **temporal** extent/grain, is critical when integrating them into SDG monitoring and planning efforts.



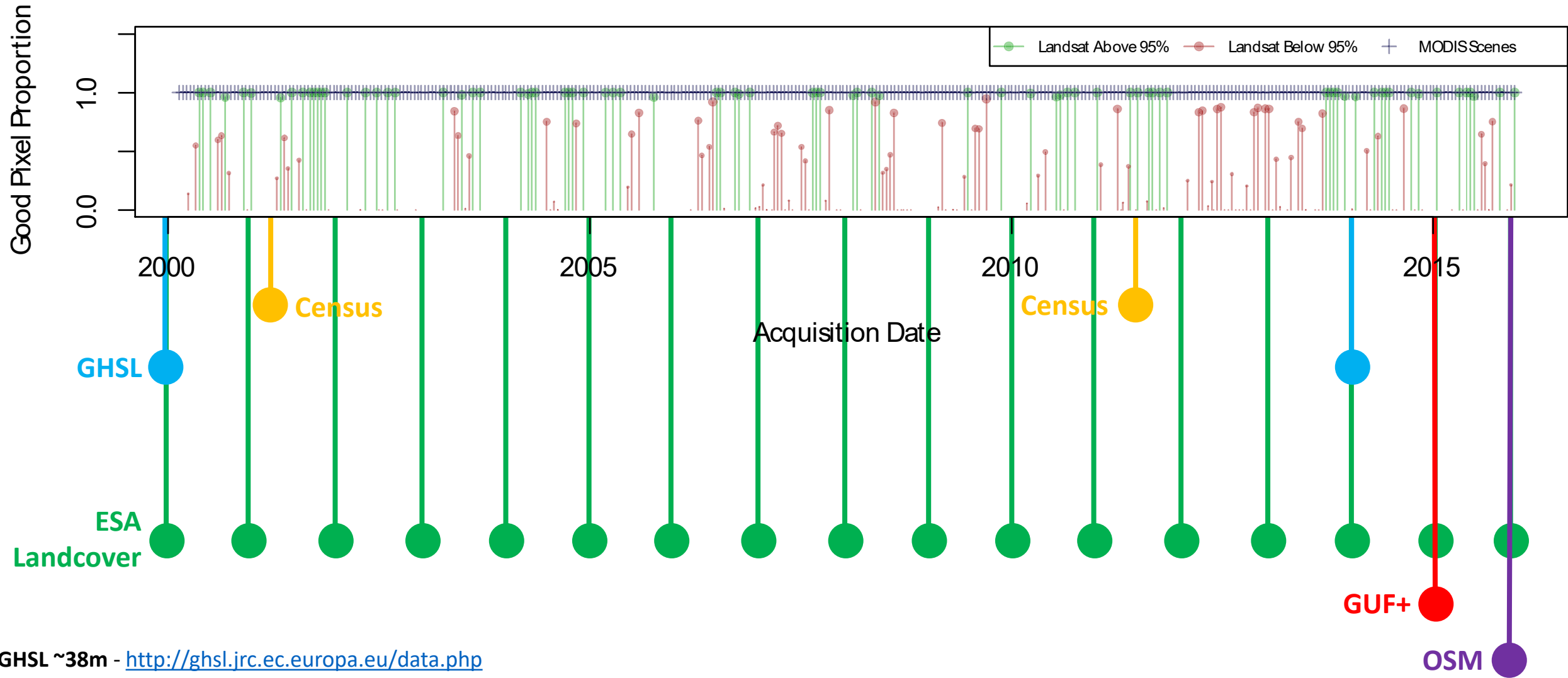
Earth Observations Toolkit for
**SUSTAINABLE CITIES
AND HUMAN SETTLEMENTS**

Case study Storymap in the **EO Toolkit**:
<https://storymaps.arcgis.com/stories/17aef4c07ed04bd69ebb28c44fc73c95>



Filling Spatiotemporal Gaps for SDG Monitoring

MODIS and Landsat Image Dates



GHSL ~38m - <http://ghsl.jrc.ec.europa.eu/data.php>

ESA LC ~300m - <https://www.esa-landcover-cci.org/>

WSF ~12m - http://www.dlr.de/eoc/en/desktopdefault.aspx/tabid-11725/20508_read-47944/

Uncertainty and EO Data in Urban, SDG-Related Contexts

Choices of which EO and EO-derived data, and how they are employed, in SDG-monitoring contexts matters. The toolkit provides concrete guidance and examples, but **continued feedback** within the community of **data producers** and **users** is key.

Preprint paper for comment:

<https://www.preprints.org/manuscript/202102.0521/v1>

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Evaluating the Accuracy of Gridded Population Estimates in Slums: A Case Study in Nigeria and Kenya

Dana R. Thomson ^{*} , Andrea E. Gaughan , Forrest R. Stevens , Gregory Yetman , Peter Elias , Robert Chen 

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LAUNCH OF THE



Earth Observations Toolkit for
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THANK YOU!
QUESTIONS?

Visit: eo-toolkit-guo-un-habitat.opendata.arcgis.com