

# Status: GFGS 2018 Members

## Global Forum for Geography & Statistics

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 Statistics Spain

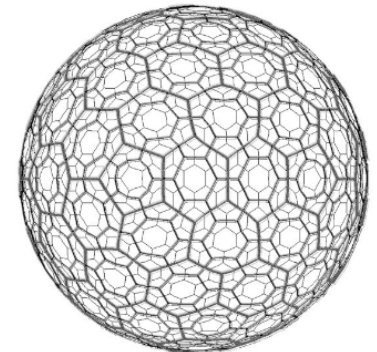
SANTOS, Ana  
 Geoinformation Unit  
 Statistics Portugal

PETRI, Ekkehard  
 Unit E-4 – Geographical Information  
 EUROSTAT

HALKIA, Matina  
 Scientific Officer  
 EU Joint Research Centre



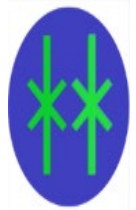
VALE, Steven  
 Statistical Division  
 UNECE



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# Status : GFGS 2018 activity

## Global Forum for Geography & Statistics



### Established project FairHair

- A global geoinformation demonstration project

- About geodata transfer using OGC DGGS compliant grids
- Generated ISEA3H16 **hexagon grid**, using DGGRID  
(Icosahedral Snyder Equal Area aperture 3 Hexagon (ISEA3H) Geodesic DGGS)
  - Australia
  - Brazil
  - Europe
  - Kenya
  - Mozambique
  - Haiti
  - Rwanda
  - Pakistan
  - South Korea

# Status : GFGS 2018 activity

## Global Forum for Geography & Statistics



**Established project FairHair**  
**- A global geoinformation demonstration project**

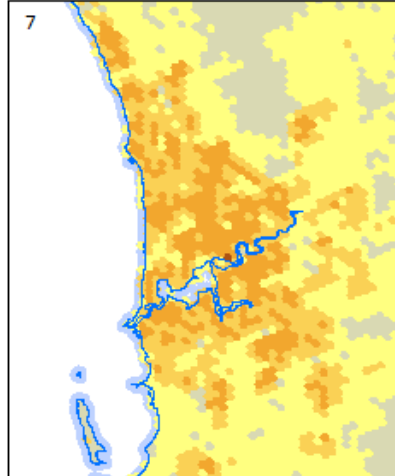
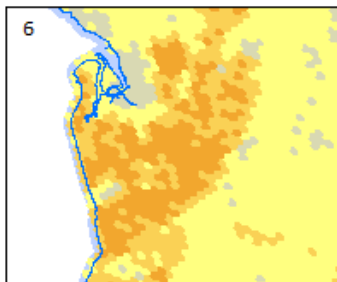
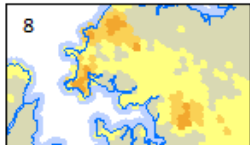
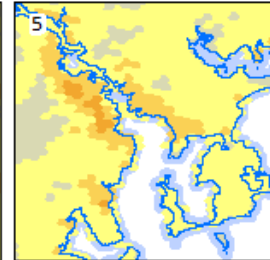
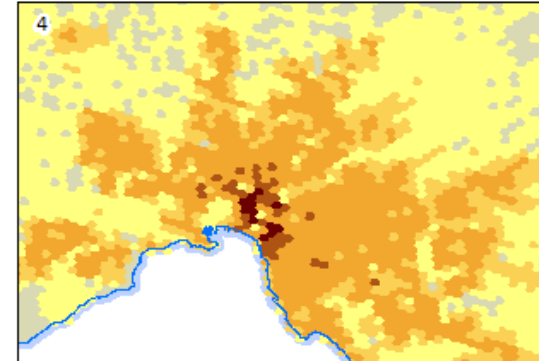
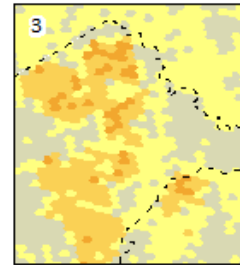
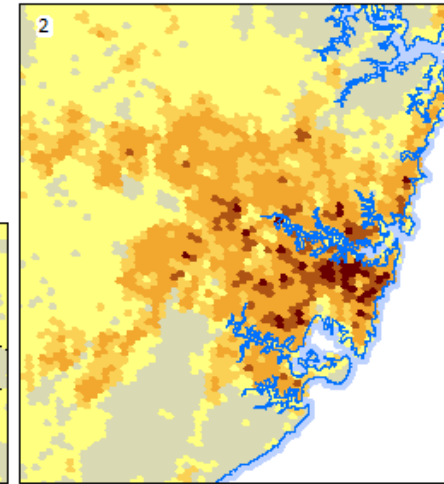
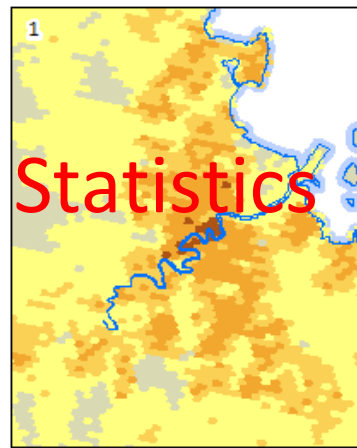
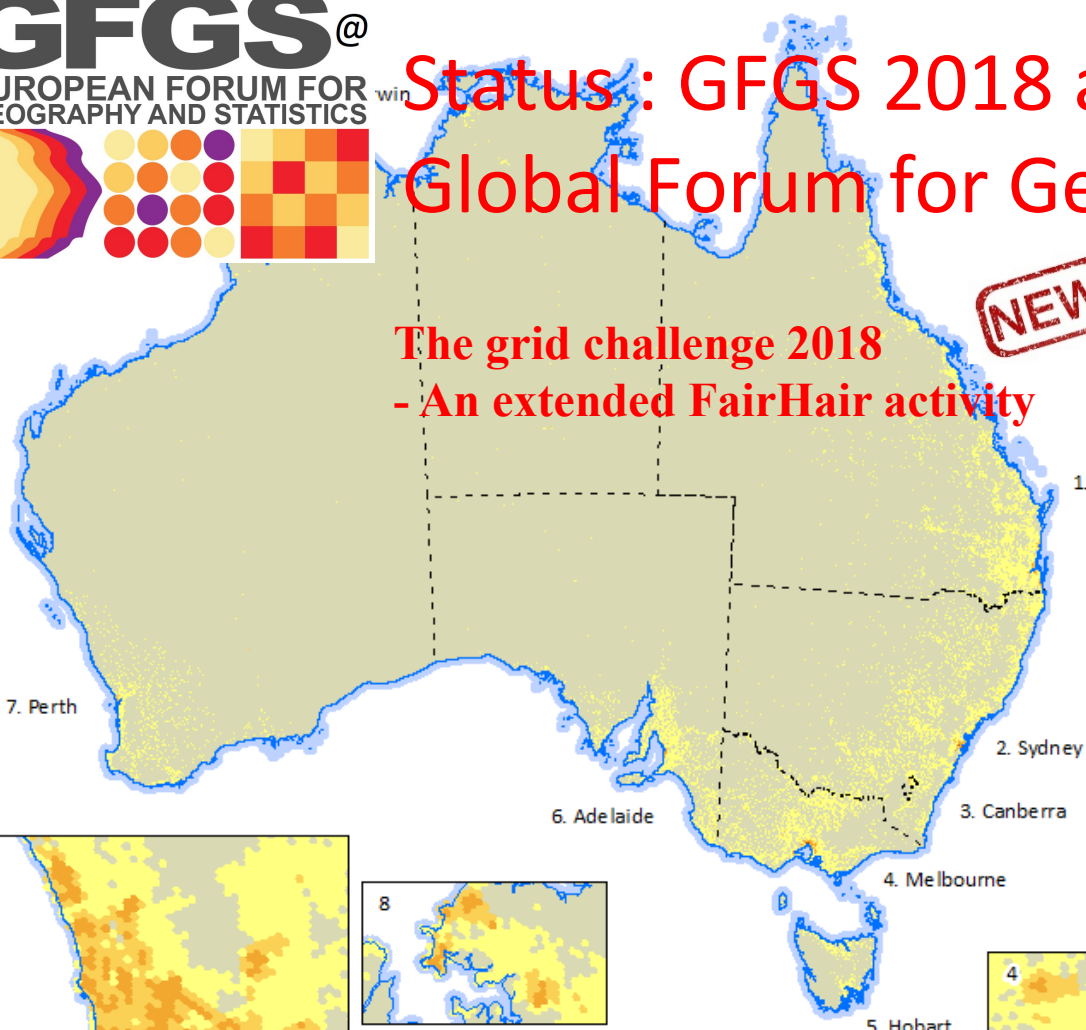
- Made **population statistics** on ISEA3H16, ~1km<sup>2</sup> hexagon grid
  - Australia
  - Haiti 2003 est
  - Mozambique, Gaza Province 2017
  - Norway 2018
  - Portugal 2011
  - South Korea 2017
- 6 countries/provinces

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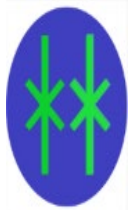
**The grid challenge 2018**  
 - An extended FairHair activity

**NEW**



# Status : GFGS 2018 activity

## Global Forum for Geography & Statistics



### The grid challenge 2018

- An extended FairHair activity



- Made population statistics on ISEA3H16, ~1km<sup>2</sup> hexagon grid
  - Albania 2011
  - Austria 2018
  - Croatia 2018
  - Estonia 2017
  - Finland 2018
  - France ????
  - Romania 2011
  - Slovenia 2018
  - Sweden 2018
  - Turkey 2017
- 10 countries replied within a few weeks
- -> Already 16 cases in all

## Plans : GFGS 2019

# Global Forum for Geography & Statistics



### Established project FairHair

#### - A global geoinformation demonstration project

- The GFGS 2019 challenge
  - more countries
  - several layers/resolutions (hexgrid)?  
(1, 10, 100, 1000... sqkm)
  - different formats (grid and attributes)?  
(csv, sdmx, kml, odata, rdf etc.)
  - storage (UNECE)
  - tiling system
- Explore different levels and models of OGC DGGs
- Explore algorithms and streamline production line
- More voluntary experts/resources/services?

### Open discussion