



Make cities and human settlements inclusive, safe, resilient and sustainable

THE GLOBAL GOALS

For Sustainable Development

Target

By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons.

Indicator

Km of high capacity (BRT, light rail, metro) public transport per person for cities with more than 500,000 inhabitants. Proportion of residents within 0.5 km of accessible green and public space.

Integration of multi scale geodata in maps is a key factor of sustainable developments



Planet



Earth

City



Protvino, Russia

Community



Green environment

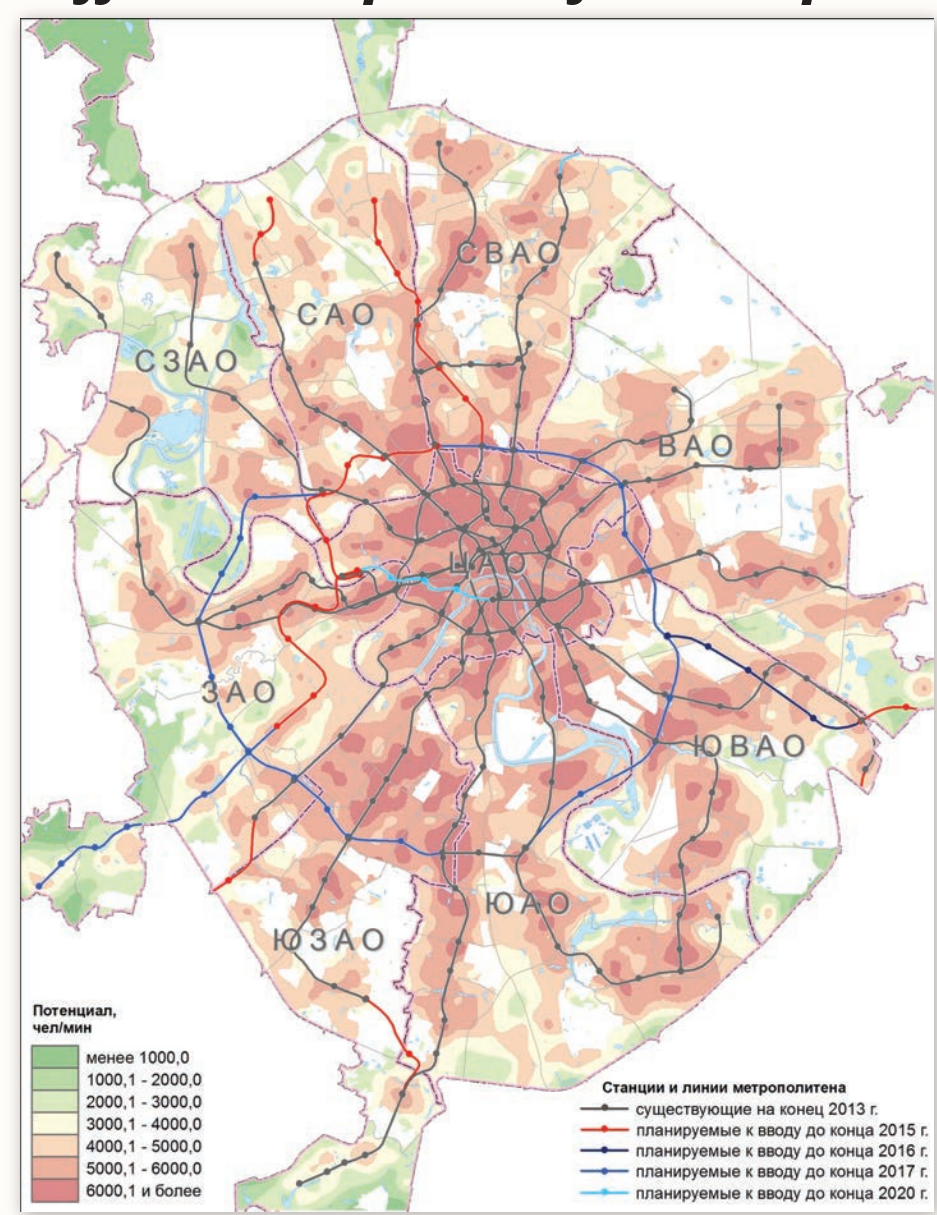
Sustainable Development for all scales

Scale

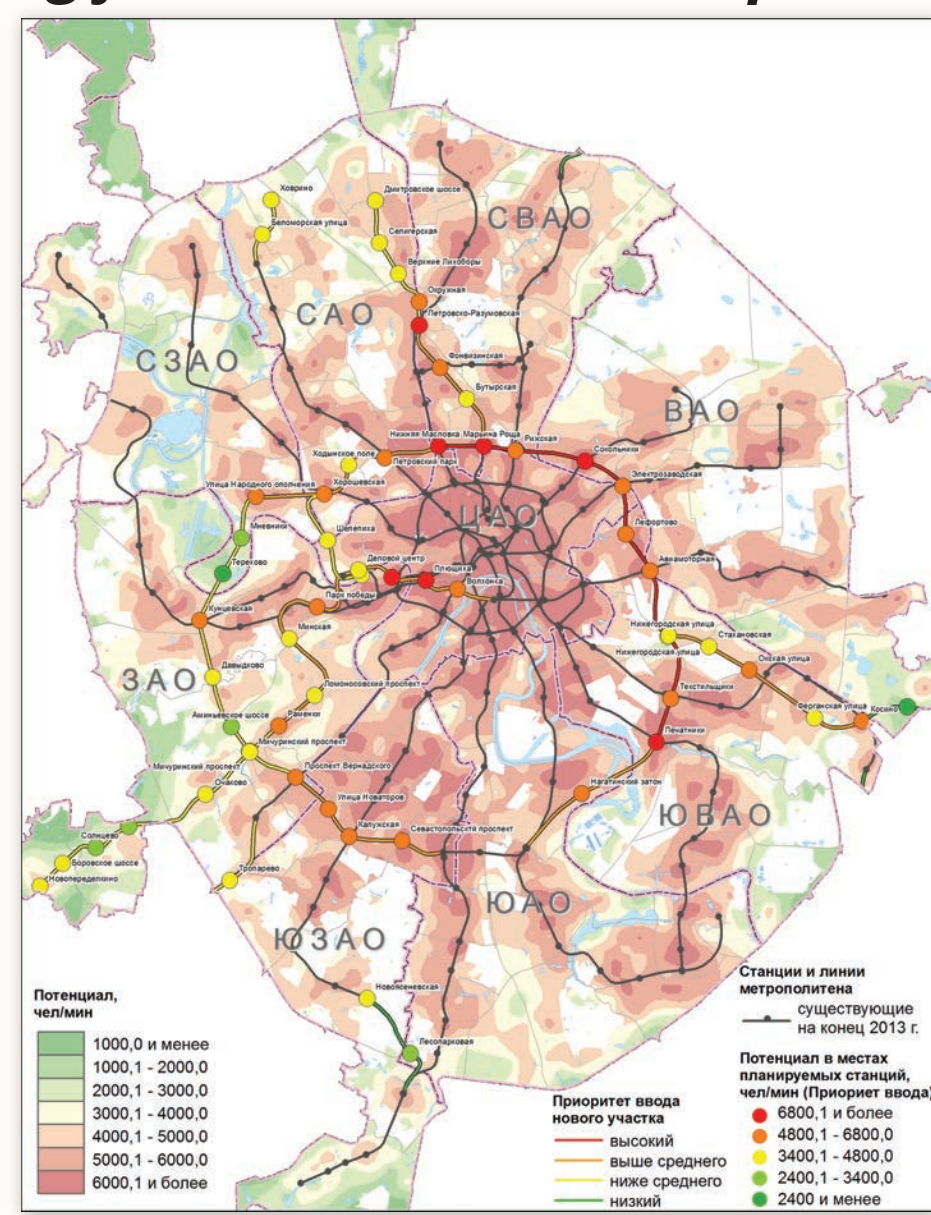
GIS modelling

GIS modelling of the integrated accessibilities for assuring sustainable development of Cities and urban territories.

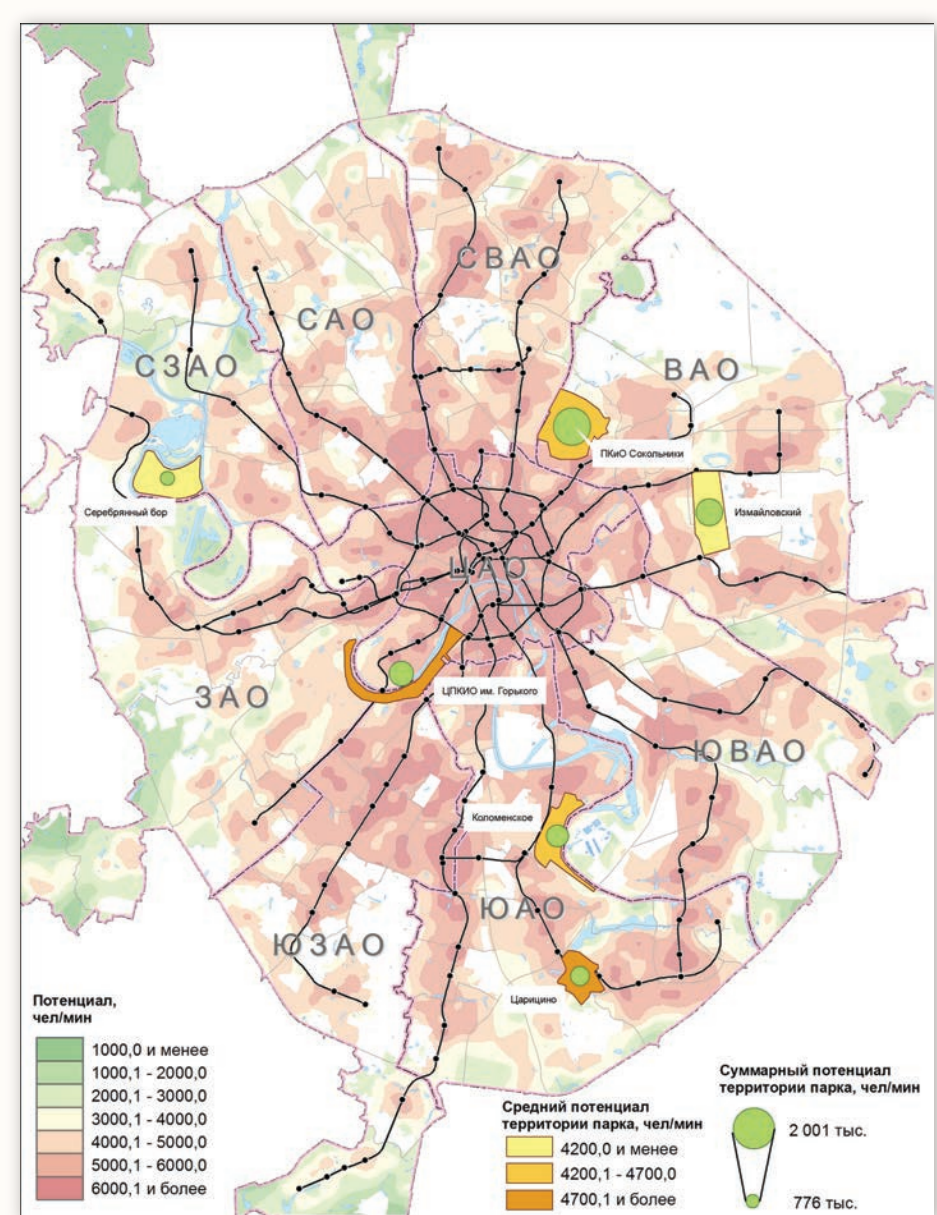
Different aspects of urban planning for sustainable development



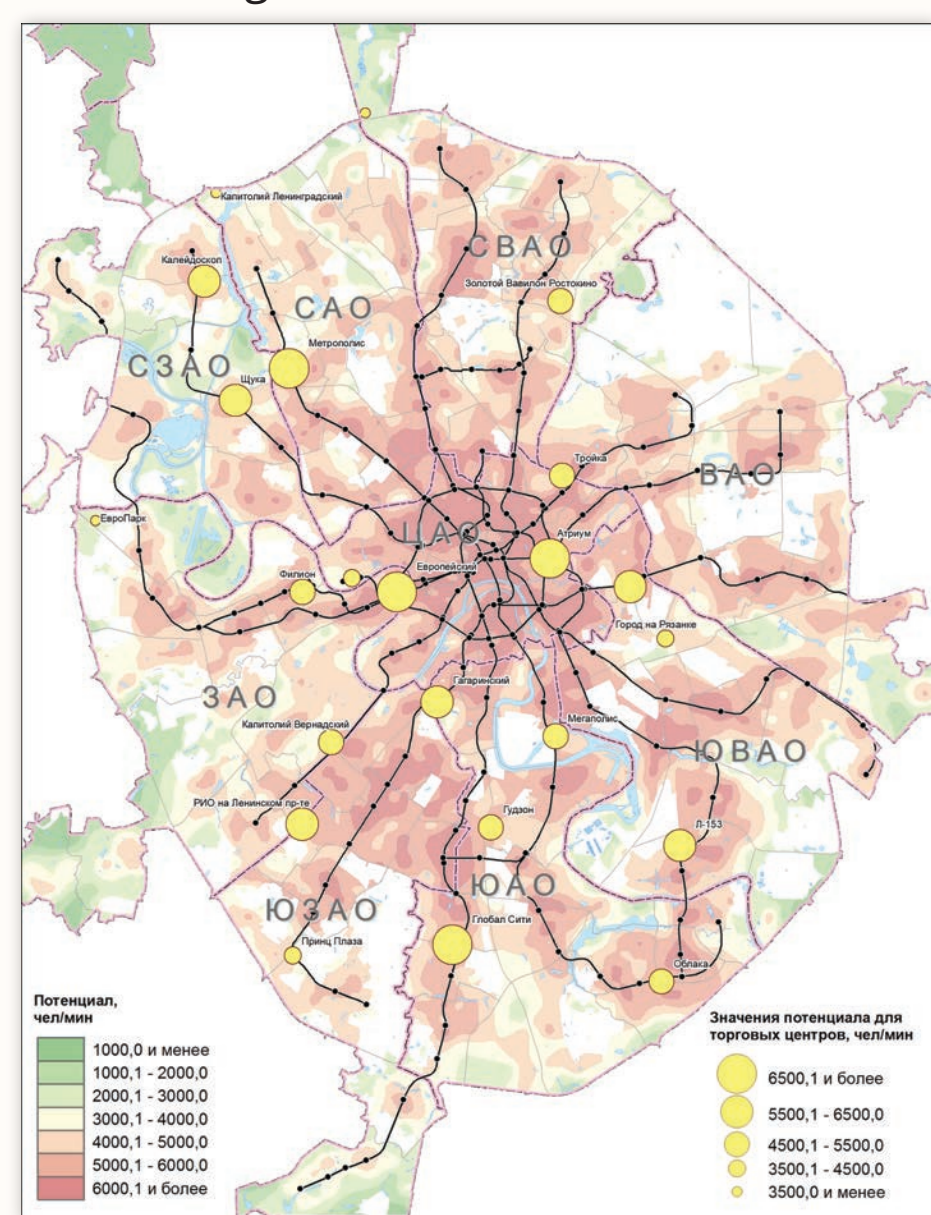
Metro development forecast



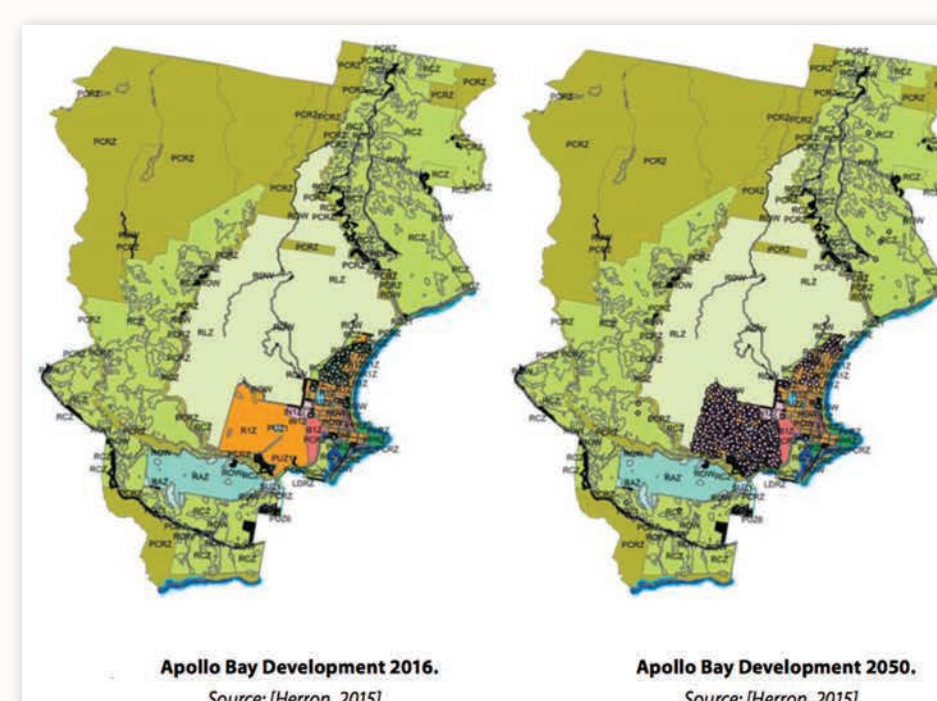
Priorities for providing metro in different Moscow regions



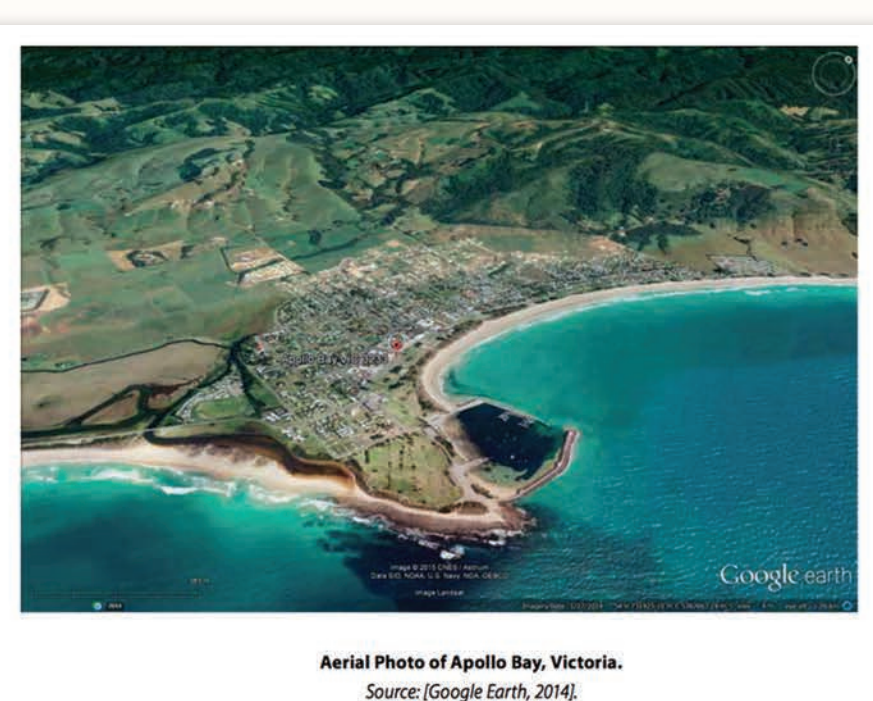
Green areas potential



Trade centers potential



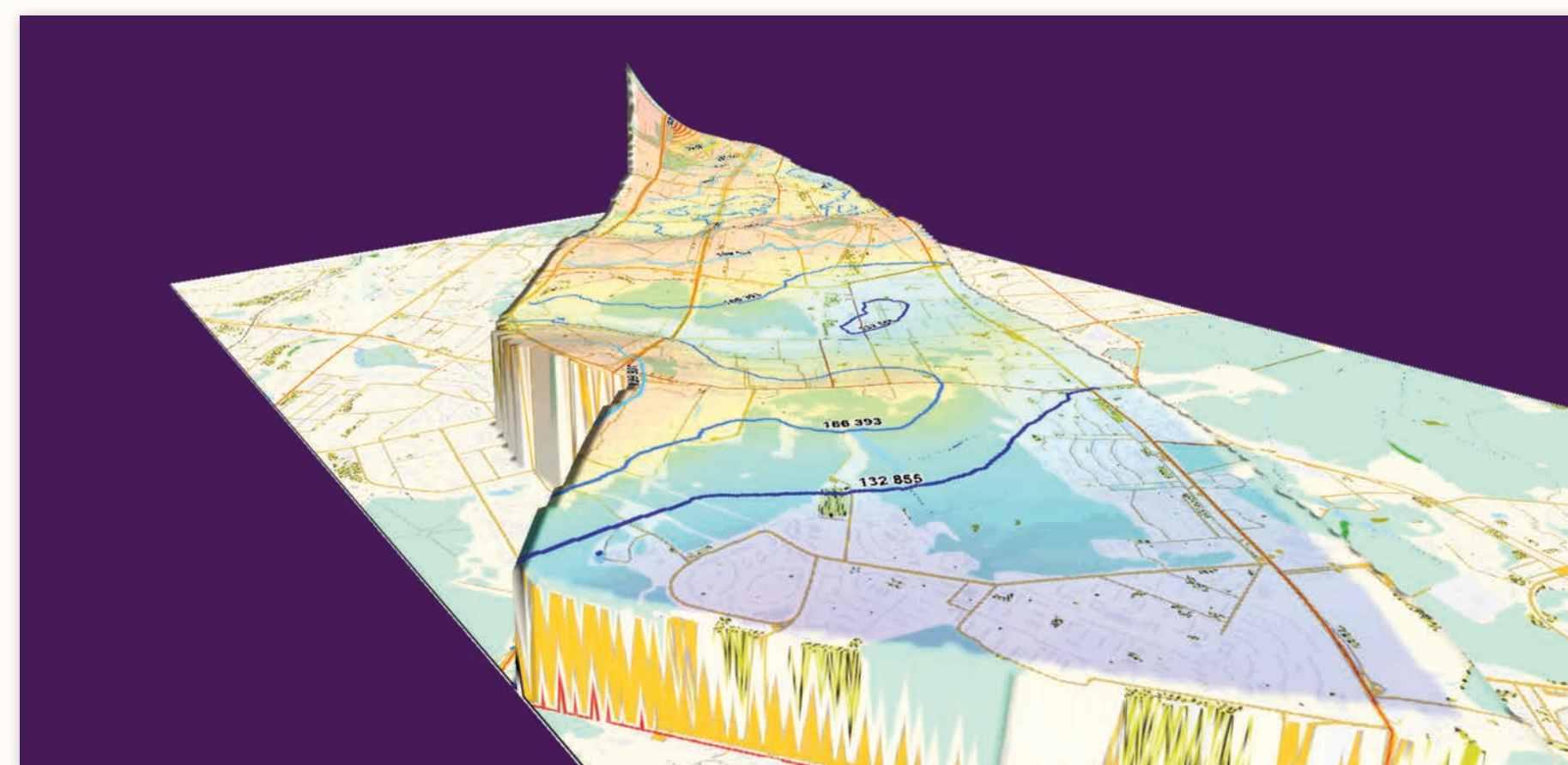
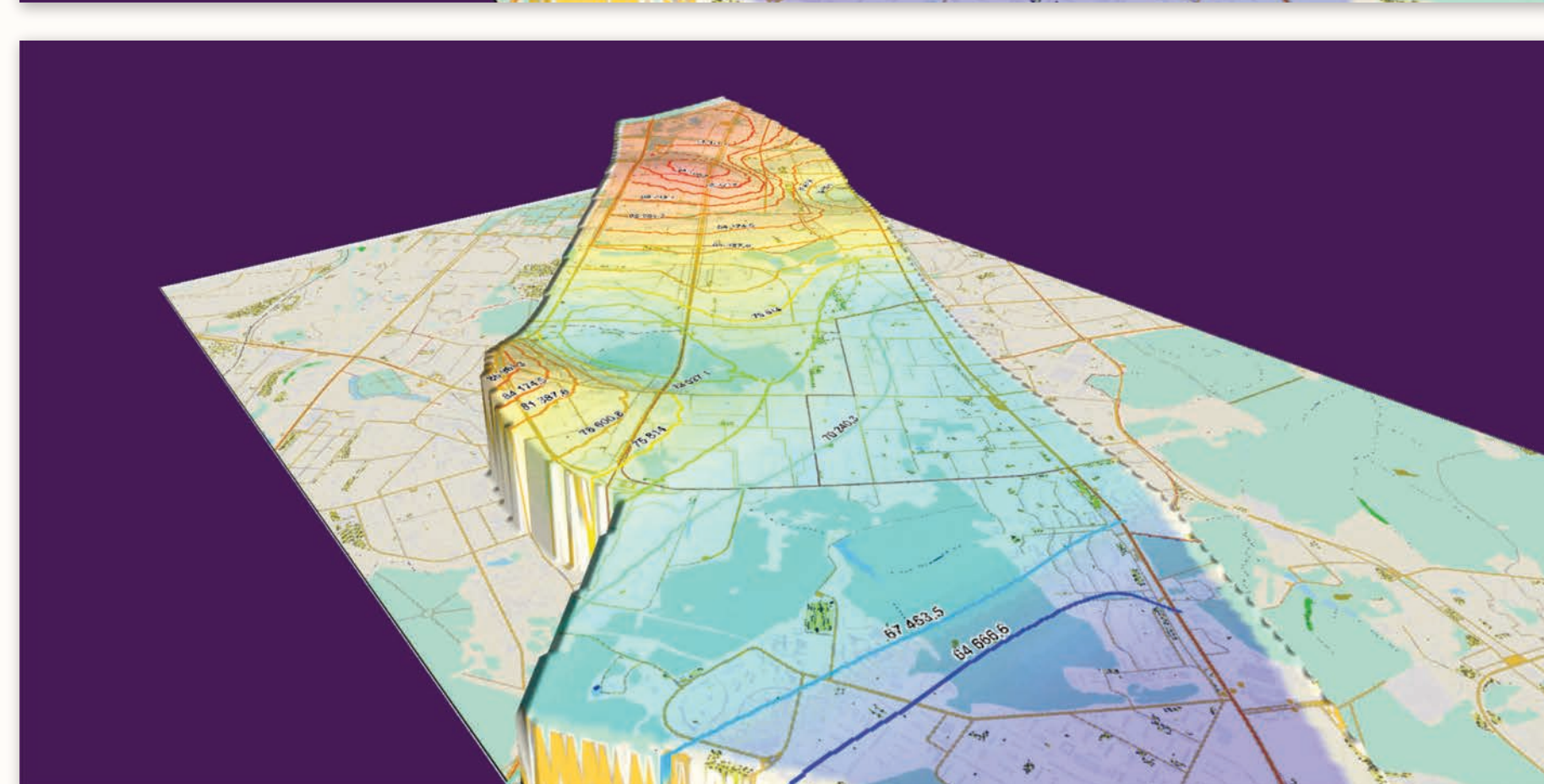
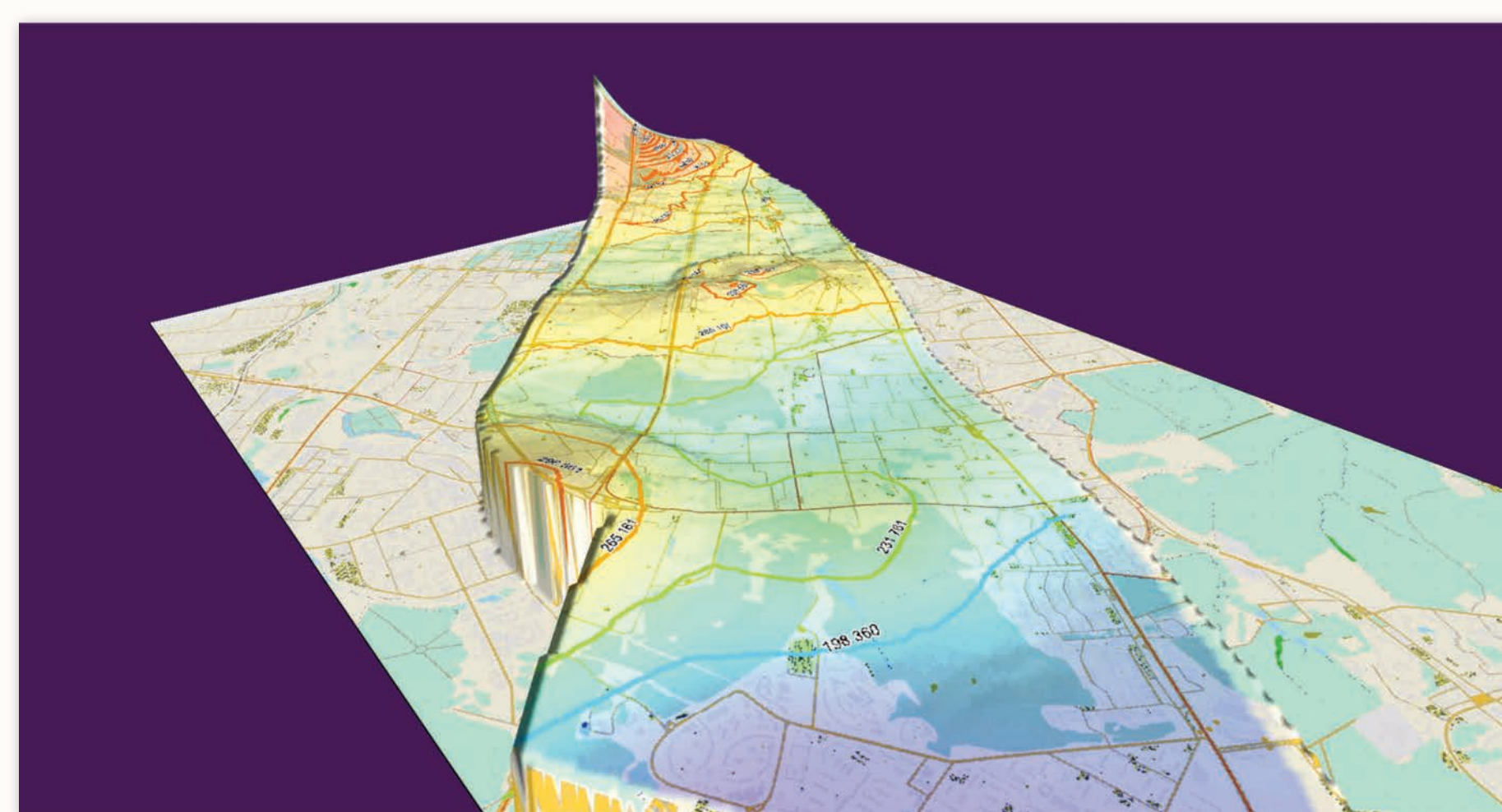
Apollo Bay development



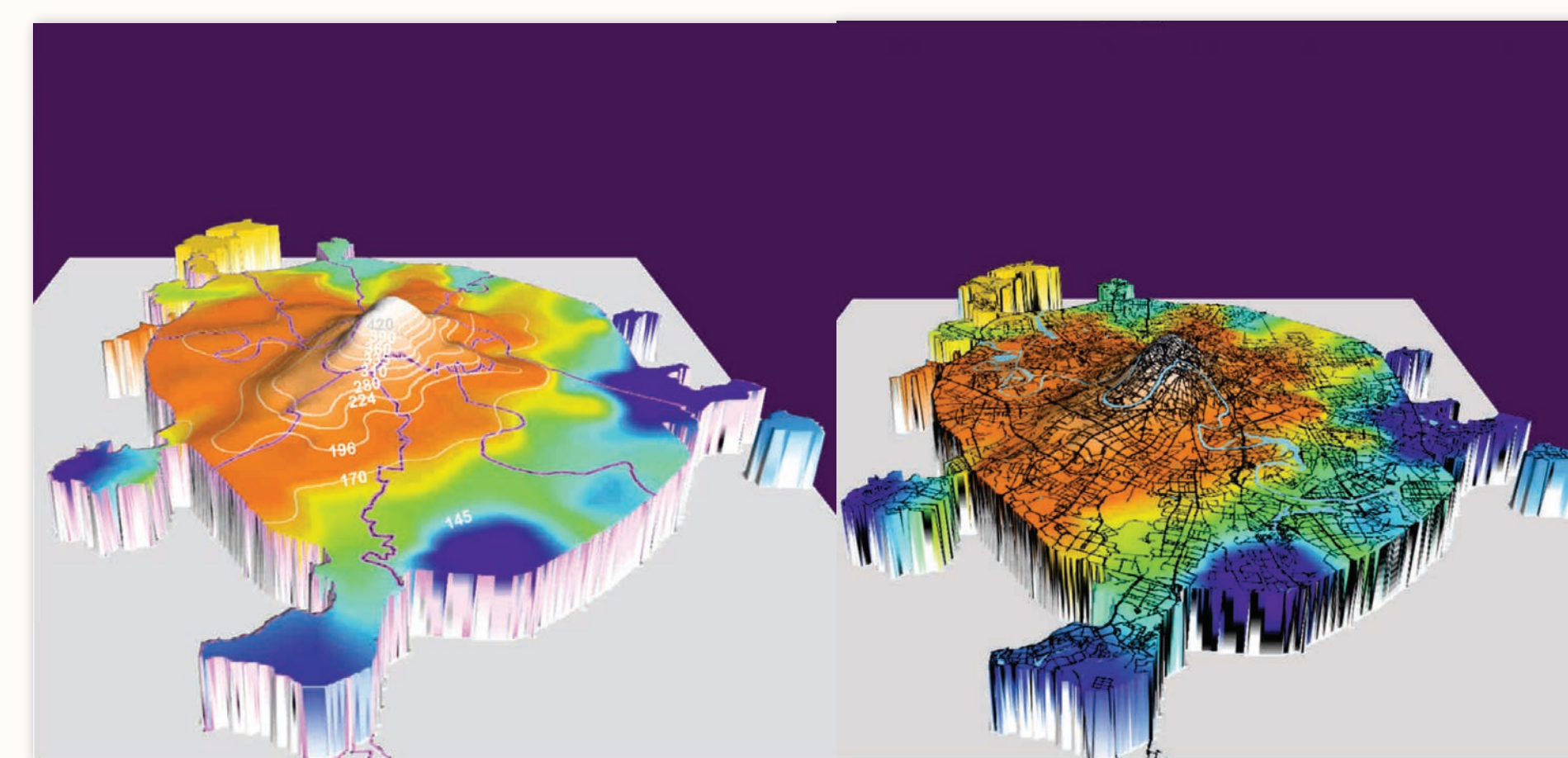
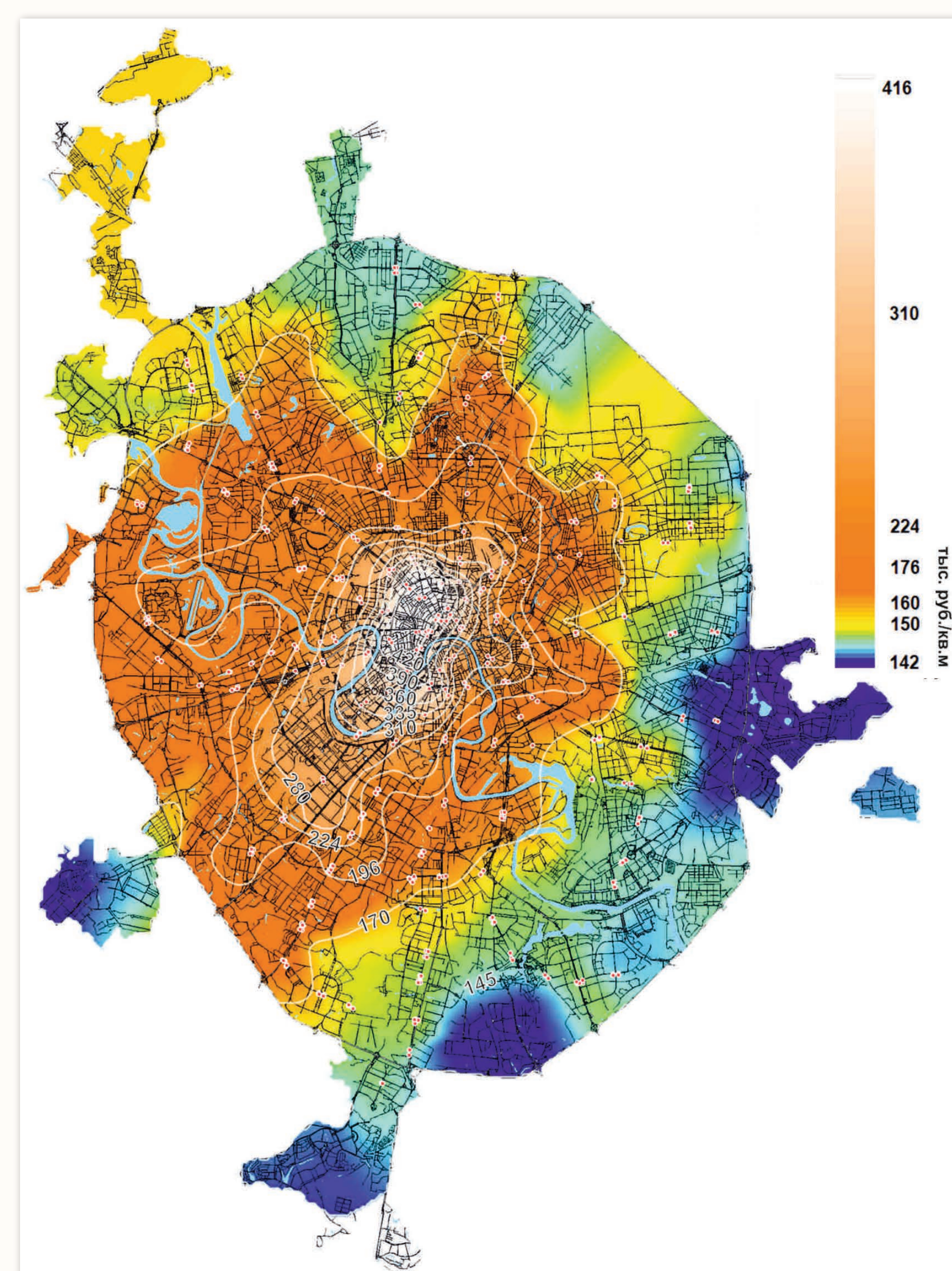
Aerial Photo of Apollo Bay, Victoria

Sustainable development

Assuring sustainable development of Cities in the fluid environment demands consolidation of different data within common volume of time and space. Representation of spacial distribution of scalar parameters as a geolocated thematic 3D-shape helps to add useful indicator of healthness of the town.



3D representation of land cost



The main goal of the ICA Commission on GI for Sustainability aims to produce a methodological structure for GIS and cartographic basis of sustainable development.

Data and Information Source:
Lomonosov Moscow State University, Faculty of Geography (Russia)
Deakin University (Australia)
Neogeography Group, Technopark Protvino (Russia)

Boundaries on maps may seem definitive, but there are often different perspectives on their status and position. This poster series is compiled from many sources by cartographers from different countries. The ICA tries to be neutral in such matters and boundaries shown reflect those found on the ground, in existing maps, or recognized by the United Nations. The ICA acknowledges that there may be different opinions and interpretations.

ICACI



Commission on GI for Sustainability

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WE MAPS
INTERNATIONAL MAP YEAR 2015–2016

International Cartographic Association
Association Cartographique Internationale

