SPACE SOLUTIONS FOR HEALTH: AN OVERVIEW





Issue #1: Fundamental research on health

Research is key to advance in any field, space offers a unique environment for health research





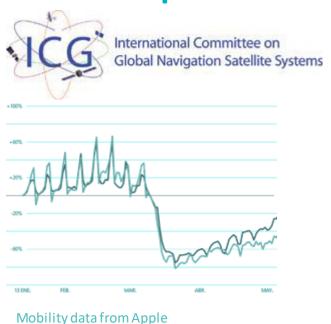
Microgravity research offers a unique way to look into health aspects, such as protein growth. UNOOSA offers opportunities to carry out microgravity research in partnership with ZARM, China Manned Space Agency and Airbus

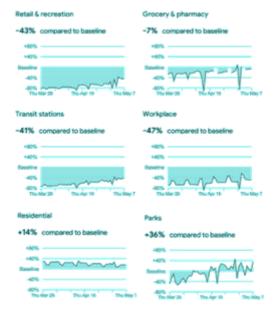
Issue #2: In space there are (often) no physicians

Space offers examples on how training, telemedicine and investing in professionals can make the difference



Issue #3: Spread





Mobility data from Google

Space can help in contact tracing and detecting changes in habits that could influence policy measures

Issue #4: Environmental factors

Tele epidemiology studies the interaction between environment, climate and health. Remote sensing is a key technology to understand the environment.



Key takeaways

Space can be an integral part of response systems

- Microgravity research and health
- □ A telemedicine infrastructure is better coupled with training, which can also be delivered as distance learning.
- Space-based data can be an integral part of the response.
 Discussions happening in international forum such ICG or
 COPUOS help realizing the full potential of the technology
- Space is a tool, and it can be a very useful one
- You can count on UNOOSA to provide support in identifying the best use you can use space technology, data and applications.