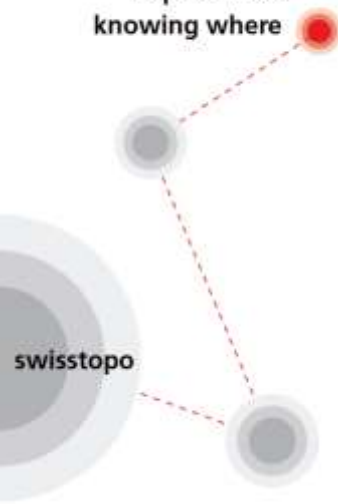




Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Bundesamt für Landestopografie swisstopo

wissen wohin
savoir où
sapere dove
knowing where



Auswertung von Satellitendaten für Schweizer Kunden – NPOC use cases

Exploitation d'images satellites pour clients suisses – NPOC use cases

Kolloquium swisstopo, 23. März 2018

Colloque swisstopo, 23 mars 2018



Agenda

- ❑ **Introduction**

Francesco Wyss, NPOC@swisstopo

- ❑ **OneMap project in Myanmar**

Andreas Heinimann, Centre for Development and Environment CDE

- ❑ **Satellite based rapid mapping of snow avalanche activity**

Yves Bühler, WSL Institute for Snow and Avalanche Research SLF

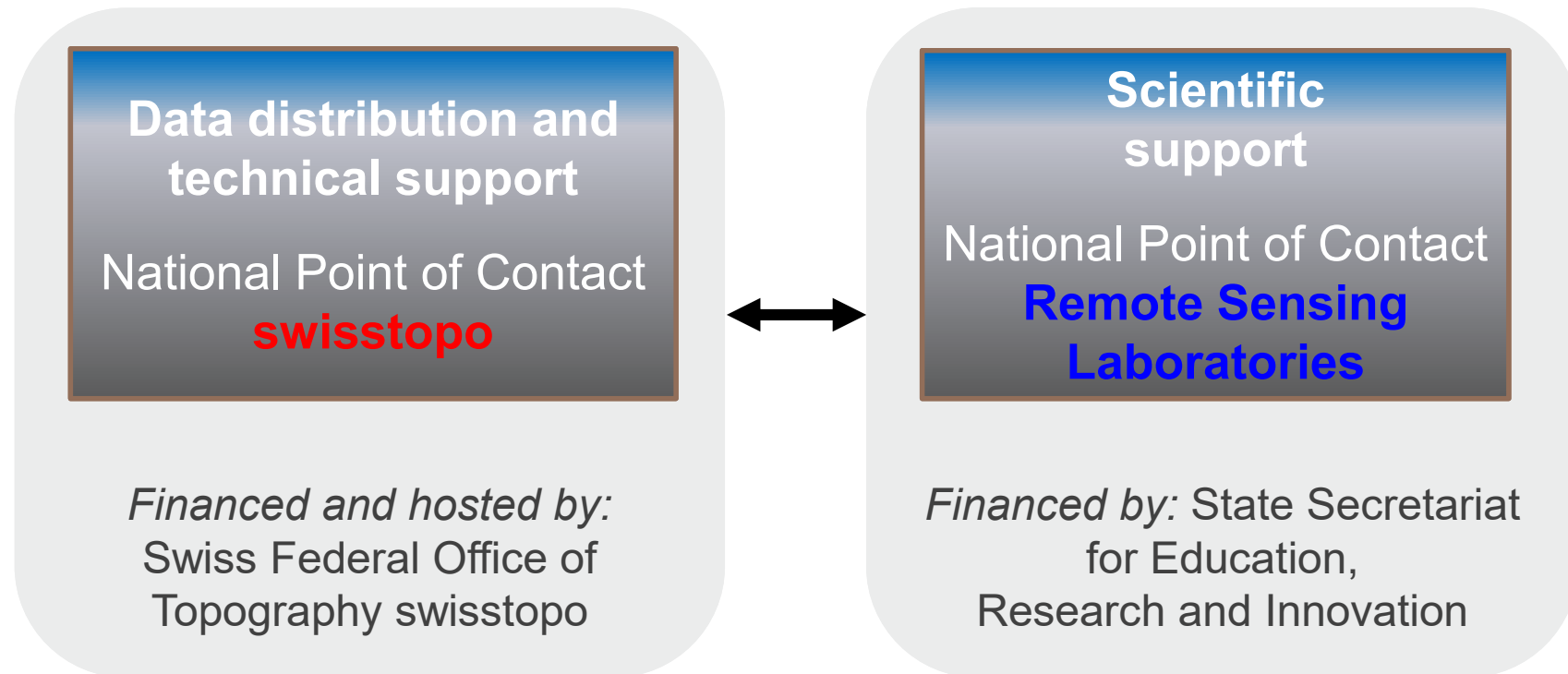
- ❑ **Google Earth Engine: A cloud infrastructure for Earth observation applications**

Philip Jörg, Remote Sensing Laboratories NPOC@RSL

- ❑ **Conclusion**



National Point Of Contact for satellite images - www.npoc.ch





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Jörg***



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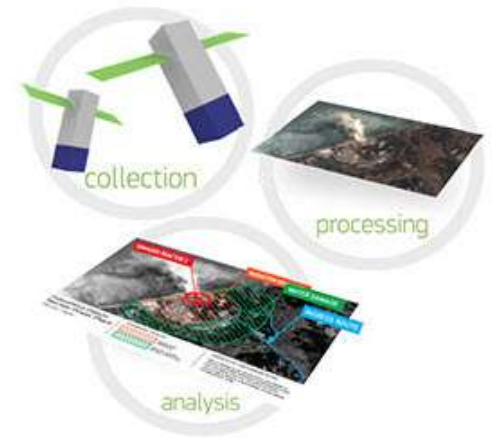
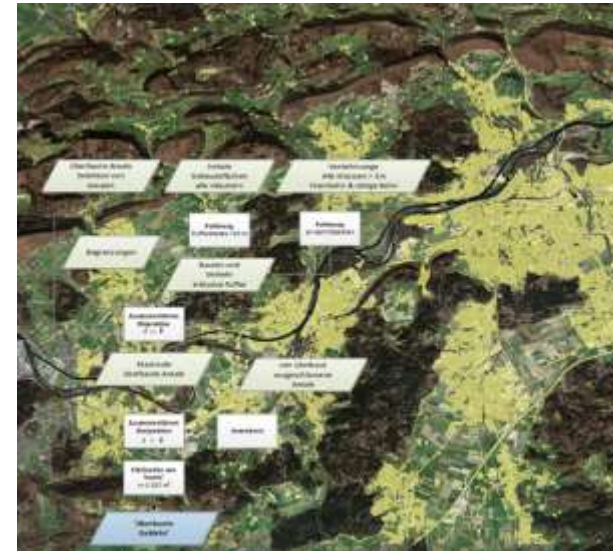


Services and production

*Information, Distribution, Reseller
Agreements, Data Archive*

Research and development

Innovations, Analysis, Prototyping





NPOC@swisstopo

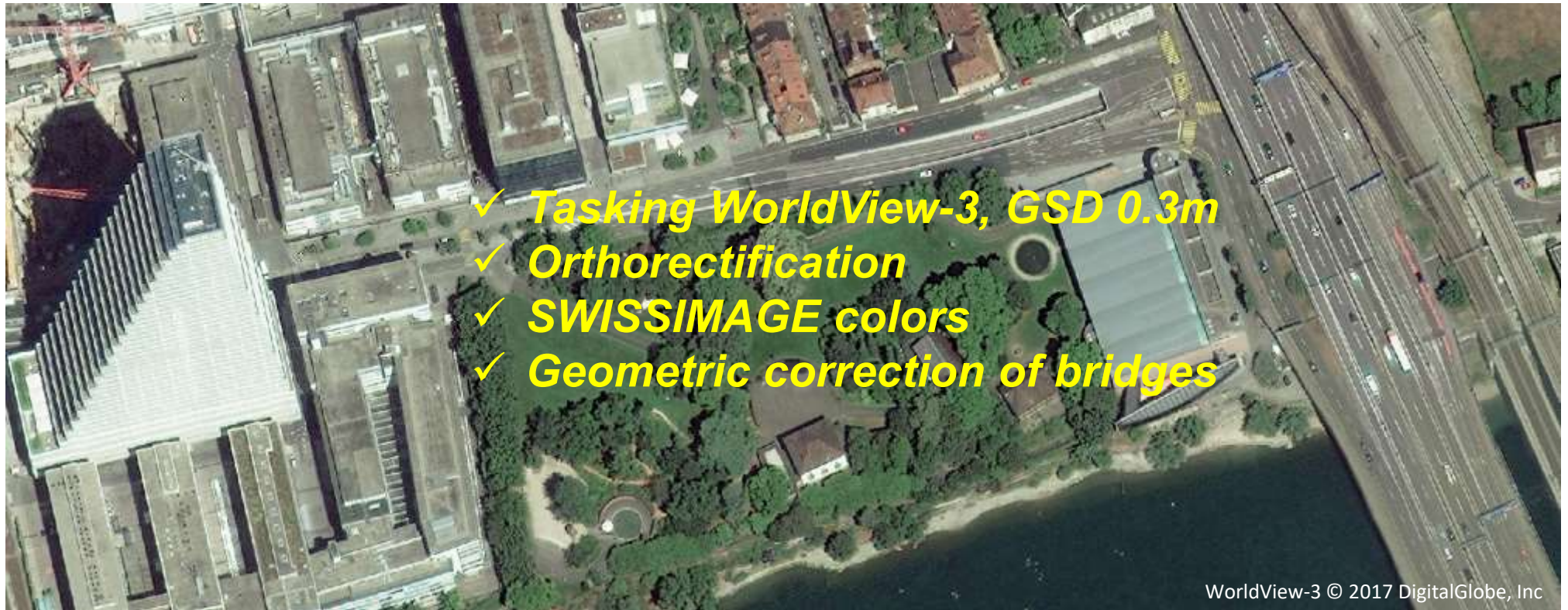
Rapid Mapping

*Technical counselling, Damage assessment,
Emergency response team*





Orders for land surveying offices: orthophoto canton Basel-City





NPOC use cases

- ☐ **OneMap in Myanmar: Spatial data for empowerment**
Andreas Heinemann, Centre for Development and Environment CDE
- ☐ **Satellite based rapid mapping of snow avalanche activity**
Yves Bühler, WSL Institute for Snow and Avalanche Research SLF
- ☐ **Google Earth Engine: A cloud infrastructure for Earth observation applications**
Philip Jörg, Remote Sensing Laboratories NPOC@RSL



Conclusion

- Satellite data for various fields of application
- Agile taskings and rapid data availability
- Satellite constellations with faster revisit time
- Analysis of big (satellite) data in real time with cloud computing
- Satellite imagery complementary to aerial imagery

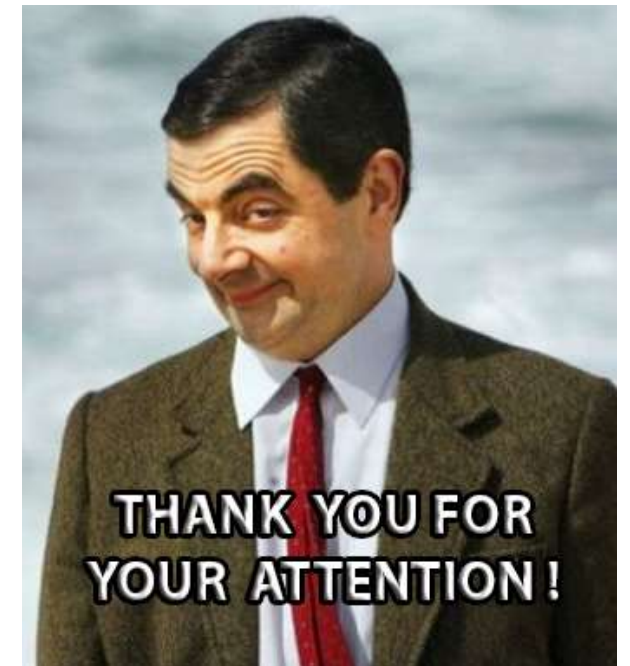




Meldet euch beim NPOC für eure spezifischen Bedürfnisse nach Satellitenbilddaten!

Contactez le NPOC pour vos besoins spécifiques concernant les images satellites!

*<http://www.npoc.ch>
NPOC@swisstopo.ch
NPOC@geo.uzh.ch*





Nächstes Kolloquium / *Prochain colloque*

Eine andere Dimension – 3D-Web-Geodienste

Freitag 6. April 2018, 10h00 – 11h30

Referenten: G. Jeiziner / L. Gasser / D. Oesch

Une autre dimension – les géoservices web 3D

Vendredi 6 avril 2018, 10h00 – 11h30

Intervenants: G. Jeiziner / L. Gasser / D. Oesch