



# REMOTE SENSING DATA TO SERVE THE SDGs

---

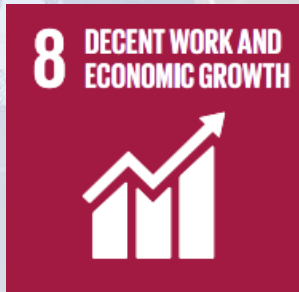
Johannes Riegl Jr, President *RIEGL USA*

**5<sup>th</sup>** High Level Forum  
on United Nations

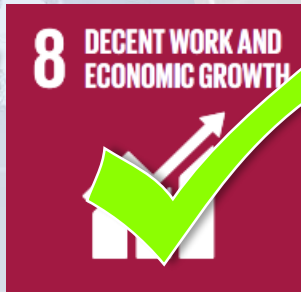
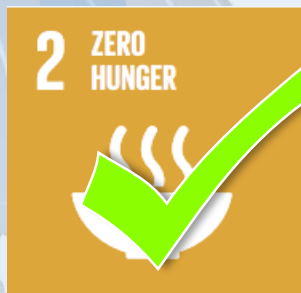
Global Geospatial  
Information Management

Mexico City, Mexico  
28-30 Novembre 2017

# 17 SDGs



# 17 SDGs







# Remote sensing data





unbiased  
accurate  
up to date  
available



# unbiased

**Remote sensing data opens an objective view on the topic**

Contrary to conventional discrete surveying techniques, data of remote sensing is operator independent.





# accurate

**Accurate data is the foundation of reliability and repeatability**

single events

quantities

length

area

volume

temporal events

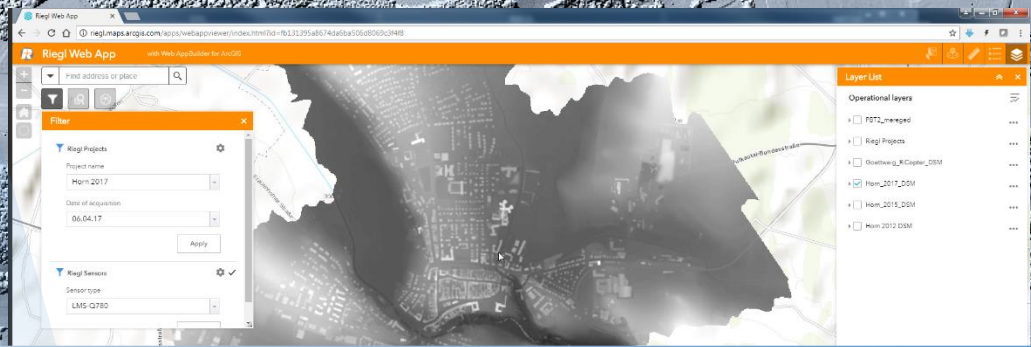
progress

development

change detection



# up to date

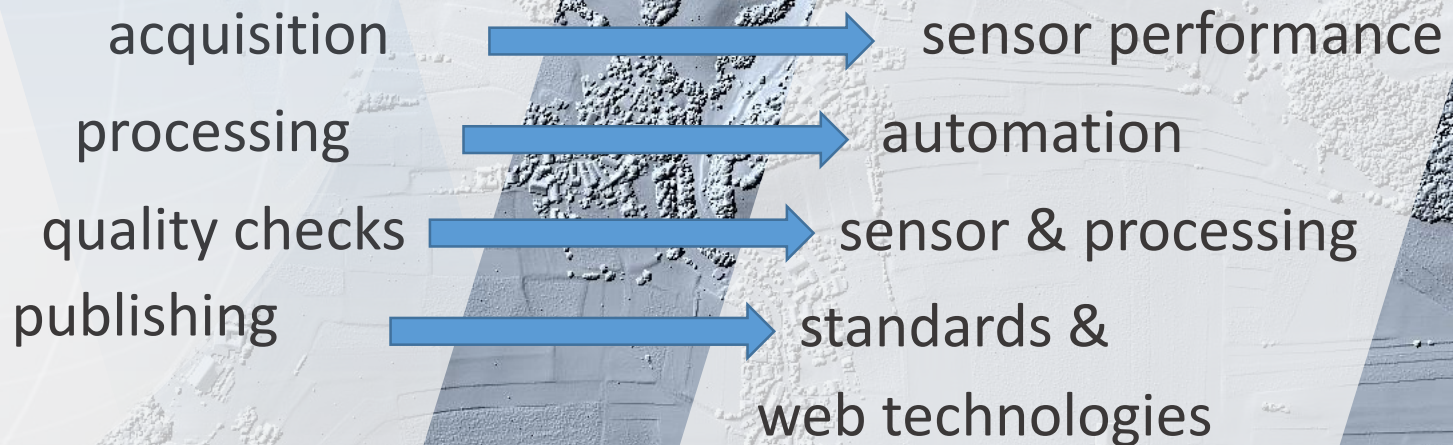


field to finish time is critical to provide up to date data

OBJECTID	PROJECT	SENSORTYPE	DATE	TIME	DATE_TIME	AREA	CARRIER	PILOT	CPS_PREC	Layer	Records	TILE_ID	PLR	Mgmt_Project	Area_Mounted	Shape_Area	Shape_Length	Hypothese
74	Horn 2017	LMS-Q780	06.04.17			8138932.48	Q&FRI	TF	10	Projects	7	3119		Horn-Scanner 3	8138932.48	18,338,932.42	18,860.03	
779	Horn 2017	LMS-Q780	06.04.17	12:29:24	06.04.17, 12:29:2		Q&FRI	TF	10	Tiles					170405_122924_1704050000_1704110000	227,411.79	1,908.94	

workflow

mission critical





# available

**Availability of data is the key to qualified information**

open data initiatives

open standards

ASPRS LAS

ASTM E57

... and many more



**INSPIRE**



**OpenTopography**  
High-Resolution Topography Data and Tools



Office for Coastal Management  
**DIGITALCOAST**



**EarthServer**



*Thank you*

*Johannes Riegl, Jr*

*[www.riegl.com](http://www.riegl.com)*

