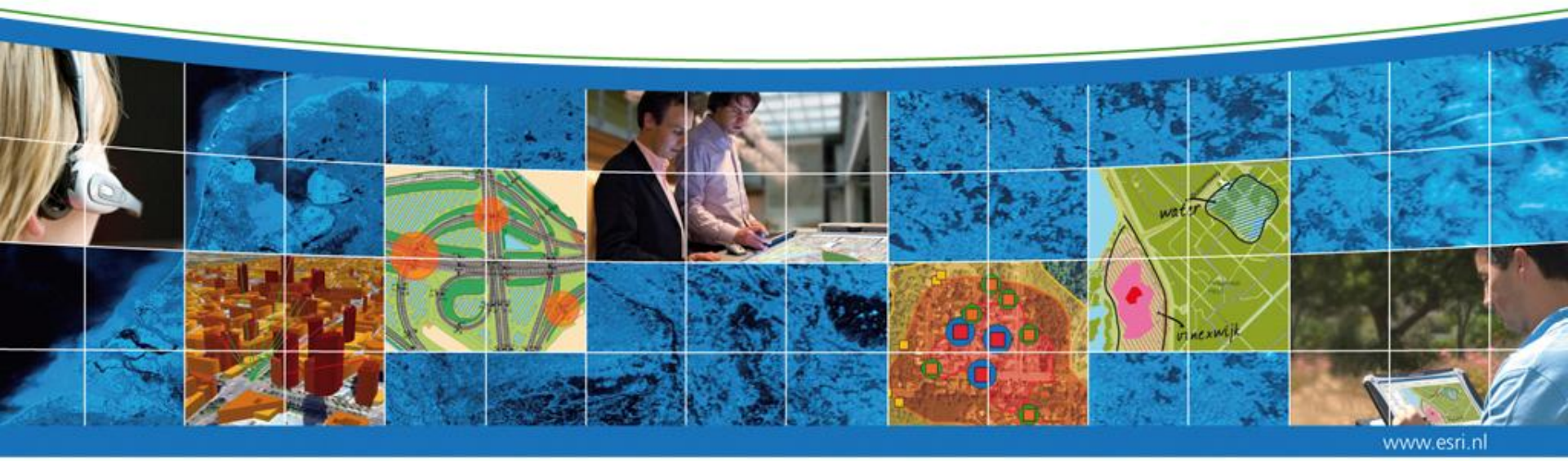


ESRI en open standaarden

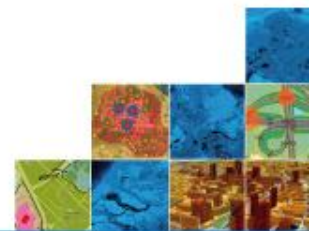
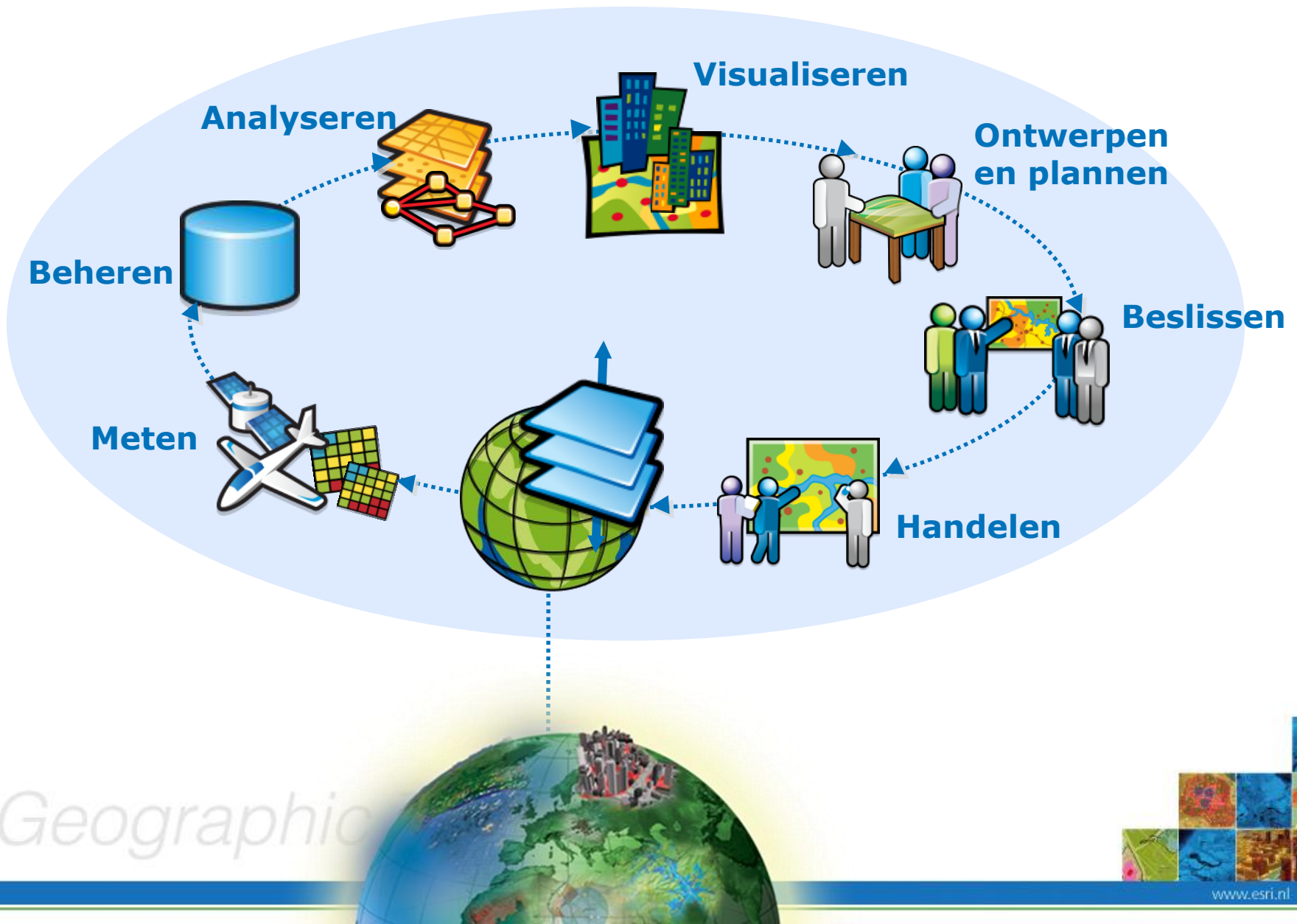


Geographic Thinking



Open ? of
gesloten ?

ArcGIS Visie; van informatie naar actie



Open Standaarden: wat we doen

NEN

Geonovum

NOIV

Forum Standaardisatie

Geo

IT

Defensie

ISO/TC 211

OGC

W3C

25+

<http://www.esri.com/technology-topics/standards/open-platform.html>

<http://www.esri.com/standards>

<https://noiv.nl/leveranciersmanifest/ondertekenaars-leveranciers/>

Geographic Thinking



GIS patronen

INSPIRE
GIDEON
Geoportalen
OGC

Desktop GIS



Web GIS

Interface

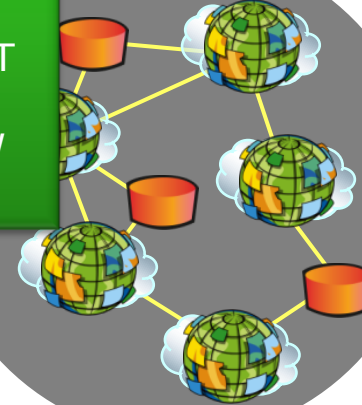
.....



Interface

WMS
WFS-T
WCS
CS-W
KML

SDI



Mobiel



Web2.0

Mashups

Interface

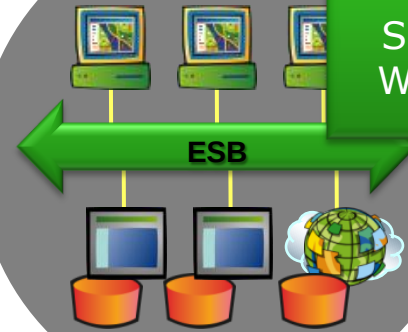
REST
Javascript
Flex



SOA

Interface

SOAP
WSDL



NORA
ESB / OSB
W3C

Geographic Thinking

ESRI en OGC

ESRI				Top
Product Name	OGC Spec	Type	Contact	Date
ArcGIS 8.1	SFO 1.1 (server compliant)	Client	Danko, David	2001-06-21
ArcGIS Server 9.3	WCS 1.0 (compliant)	Server	Sankaran, Satish	2008-10-09
ArcGIS Server 9.3.1	WMS 1.1.1, WFS 1.0.0 (compliant), WMS 1.3.0 (compliant), WMS 1.0, WMS 1.1, SFO 1.1, SFS 1.1, SLD 1.0, Filter 1.0, WCS 1.0, GML 3.1.1, Common 1.0, Filter 1.1, WFS 1.1.0, SFS 1.1.0, WCS 1.0.0, GMLsf 1.0.0, WCS 1.1.0, Common 1.1.0, WCS 1.1.1 c1, GML 3.2.1	Server	Sankaran, Satish	2009-07-01
ArcGIS Server 9.3 SP1	WFS 1.1.0, WCS 1.1.1 c1, WCS 1.1.0, WCS 1.0.0 (compliant), WCS 1.0, SLD 1.0, SFS(TF) 1.1, SFS(NG) 1.1, SFS(BG) 1.1, SFS 1.1.0, SFS 1.1, SFO 1.1, KML 2.2, KML 2.1.0, GMLsf 1.0.0, GML 3.2.1, GML 3.1.1, Filter 1.1, Filter 1.0, Common 1.1.0, Common 1.0, WMS 1.0, WMS 1.1, WMS 1.1.1 (compliant), WMS 1.3.0 (compliant), WFS 1.0.0 (compliant)	Server	Sankaran, Satish	2008-03-11
ArcGIS Server 9.2	WMS 1.1.1 (compliant)	Server	Danko, David	2006-10-24
ArcGIS Server Enterprise (ArcSDE) for DB2 - Spatial Types and Functions 9.3.1	SFS(TF) 1.1 (compliant)	Server	Sankaran, Satish	2009-07-01
ArcGIS Server Enterprise (ArcSDE) for Informix - Spatial Types and Function 9.3.1	SFS(TF) 1.1 (compliant)	Server	Sankaran, Satish	2009-07-01
ArcGIS Server Enterprise (ArcSDE) for Oracle - Binary Schema 9.3.1	SFS(BG) 1.1 (compliant)	Server	Sankaran, Satish	2009-07-01
ArcGIS Server Enterprise (ArcSDE) for Oracle - Spatial Types and Functions 9.3.1	SFS(TF) 1.1 (compliant)	Server	Sankaran, Satish	2009-07-01
ArcGIS Server Enterprise (ArcSDE) for Postgresql - Spatial Types and Functi 9.3.1	SFS(TF) 1.1 (compliant)	Server	Sankaran, Satish	2009-07-01
ArcGIS Server Enterprise (ArcSDE) for SQL Server - Binary Schema 9.3.1	SFS(BG) 1.1 (compliant)	Server	Sankaran, Satish	2009-07-01
ArcGIS Server Enterprise: DB2 - Spatial Types and Functions 9.2	SFS(TF) 1.1 (compliant)	Server	Danko, David	2006-10-24
ArcGIS Server Enterprise: Informix - Spatial Types and Functions 9.2	SFS(TF) 1.1 (compliant)	Server	Danko, David	2006-10-24
ArcGIS Server Enterprise: Oracle - Binary Schema 9.2	SFS(BG) 1.1 (compliant)	Server	Danko, David	2006-10-24

<http://www.opengeospatial.org/resource/products/compliant/#ESRI>



ESRI en OGC

Oracle - Binary Schema 9.2	SFS(BG) 1.1 (compliant)	Server	Danko, David	2006-10-24
ArcGIS Server Enterprise:				
Oracle - Spatial Types and Functions 9.2	SFS(TF) 1.1 (compliant)	Server	Danko, David	2006-10-24
ArcGIS Server Enterprise:				
SQL - Binary Schema 9.2	SFS(BG) 1.1 (compliant)	Server	Danko, David	2006-10-24
ArcGIS Server Enterprise:				
SQL Server Express - Binary Schema 9.2	SFS(BG) 1.1 (compliant)	Server	Danko, David	2006-10-24
ArcGIS Server for DB2 9.3	SFS(TF) 1.1 (compliant)	Server	Danko, David	2008-10-01
ArcGIS Server Geoportal Extension 9.3.1	Filter 1.0, CAT 2.0.2 (server compliant), SLD 1.0, WMS 1.1.1, CAT 1.0, WFS 1.0.0, CAT 1.1.1, WMS 1.3.0, WCS 1.0, CAT CS/W 2.0.1, WFS 1.1.0, GeoRSS 1.0.0, CAT2 AP ebRIM 1.0.0, CAT2 ISO AP 1.0.0, WCS 1.1.1 c1, CAT2 ebRIM part2 1.0.0, Filter 1.1, KML 2.1.0, KML 2.2	Server and Client	Sankaran, Satish	2009-07-01
ArcIMS 9.1 SP1	Filter 1.0, GML 2.1.1, GML 2.1.2, GML 3.0, SLD 1.0, WFS 1.0.0 (compliant), WMS 1.1.1	Server	Danko, David	2005-11-01
ArcIMS 9.3	WFS 1.0.0 (compliant), WMS 1.1.1 (compliant), WMS 1.3.0 (compliant)	Server	Danko, David	2008-10-01
ArcIMS 9.0	WMS 1.0, WMS 1.1, WMS 1.1.1 (compliant)	Server	Danko, David	2005-08-25
ArcIMS 9.1	WMS 1.1.1 (server compliant), WFS 1.0.0, SLD 1.0, GML 3.0, GML 2.1.2, GML 2.1.1, Filter 1.0	Server and Client	Danko, David	2005-08-25
ArcIMS 9.2	WMS 1.1.1 (compliant), WFS 1.0.0 (compliant)	Server	Danko, David	2006-10-24
ArcSDE for DB2 9.1	SFS(TF) 1.1 (compliant)	Server	Danko, David	2005-08-22
ArcSDE for DB2 9.0	SFS(TF) 1.1 (compliant)	Server	Danko, David	2005-08-22
ArcSDE for DB2 8.1	SFS(TF) 1.1 (server compliant)	Server and Client	Danko, David	2001-06-21
ArcSDE for Informix 9.3	SFS(TF) 1.1 (compliant)	Server	Sankaran, Satish	2008-03-11
ArcSDE for Informix 9.0	SFS(TF) 1.1 (compliant)	Server	Danko, David	2005-08-22
ArcSDE for Informix 9.1	SFS(TF) 1.1 (compliant)	Server	Danko, David	2005-08-22
ArcSDE for Informix 8.1	SFS(TF) 1.1 (server compliant)	Server and Client	Danko, David	2001-06-21
ArcSDE for Oracle 9.3	SFS(TF) 1.1 (compliant), SFS(BG) 1.1	Server	Sankaran, Satish	2008-10-01
ArcSDE for Oracle 9.0	SFS(BG) 1.1 (compliant)	Server	Danko, David	2005-08-22
ArcSDE for Oracle 9.1	SFS(BG) 1.1 (compliant)	Server	Danko, David	2005-08-22
ArcSDE for Postgres 9.3	SFS(TF) 1.1 (compliant)	Server	Sankaran, Satish	2008-10-01
ArcSDE for SQL Server 9.1	SFS(BG) 1.1 (compliant)	Server	Danko, David	2005-08-22
ArcSDE for SQL Server 9.0	SFS(BG) 1.1 (compliant)	Server	Danko, David	2005-08-22
ArcSDE for SQL Server 9.3	SFS(BG) 1.1 (compliant)	Server	Sankaran, Satish	2008-10-01
Spatial Database Engine for DB2 Datajoiner 3.0.2	SFS(TF) 1.1 (server compliant)	Client	Danko, David	1999-12-23
Spatial Database Engine for Informix 3.0.2	SFS(TF) 1.1 (server compliant)	Client	Danko, David	1999-12-23
Spatial Database Engine for Oracle 3.0.2	SFS(NG) 1.1 (server compliant)	Client	Danko, David	1999-12-23

G-Inno Systems Inc.

Top

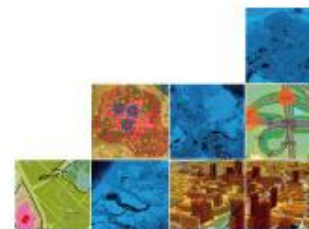
<http://www.opengeospatial.org/resource/products/compliant/#ESRI>

Voortdurende vernieuwing en innovatie

- Tijd
- 3D
 - Visualisatie en analyse
 - (werkgroep 3D - Geonovum)
- SLD
 - (werkgroep Visualisatie - Geonovum)
- Tiling (en caching)
- Geo Right Management

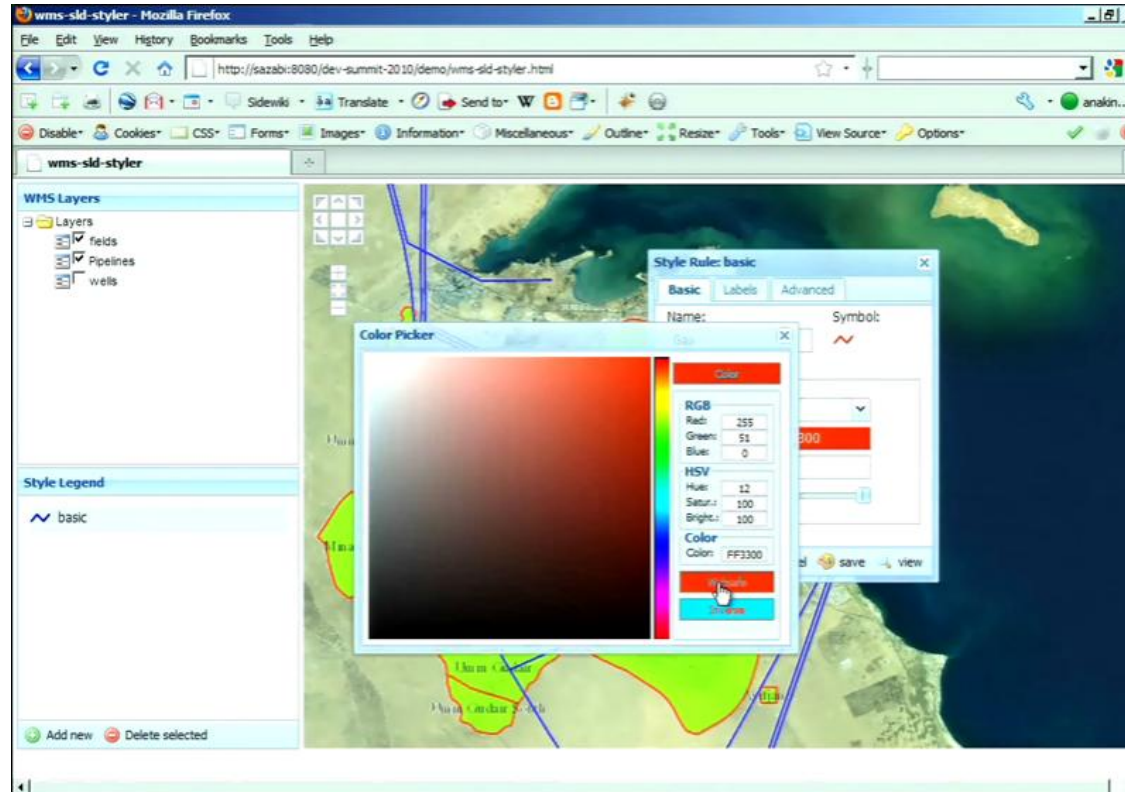
- Op basis van open standaarden
 - Waar mogelijk en beschikbaar

Geographic Thinking

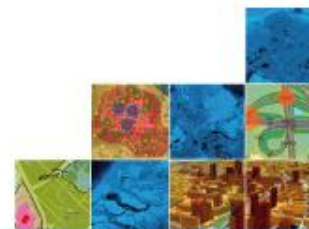


SLD_Body

<http://www.youtube.com/watch?v=21Uf09fX8E8>

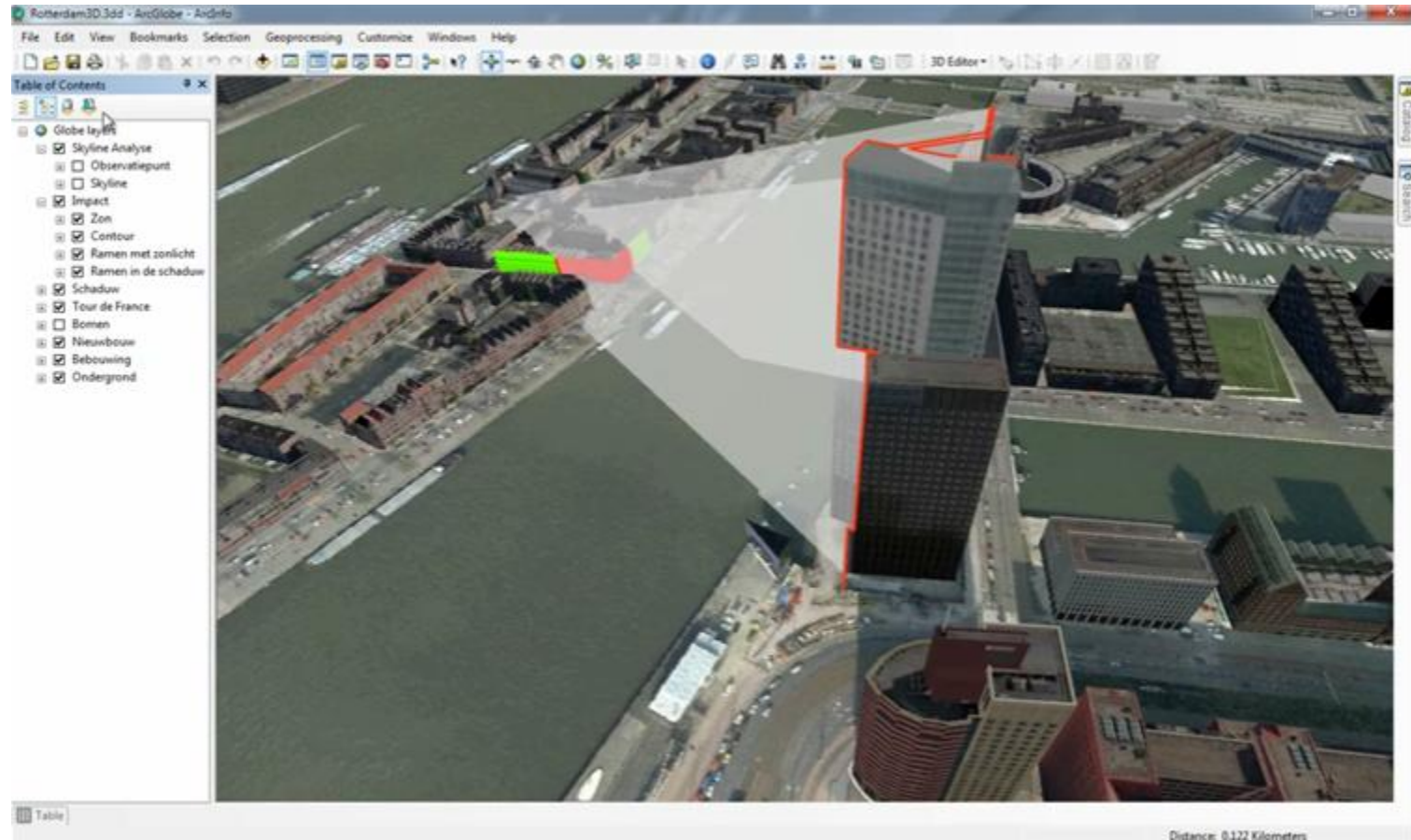


Geographic Thinking



3D - analyse

<http://www.youtube.com/watch?v=Z6icnz16wJM>



Geographic Thinking



ArcGIS: 1 infrastructuur, vele interfaces

