

# Earthengine google timelapse

<https://earthengine.google.com/timelapse/>

Gå ind på siden og se timelapses fra 1984 til 2018

Jeg har stoppet timelapsen i 1984 og 2018, taget screenshots og sat dem ind i denne præsentation

Først viser jeg glimt af  
afskovning i Madagascar

# Google Earth Engine

## Google Earth Timelapse



Meandering rivers  
Iquitos, Peru



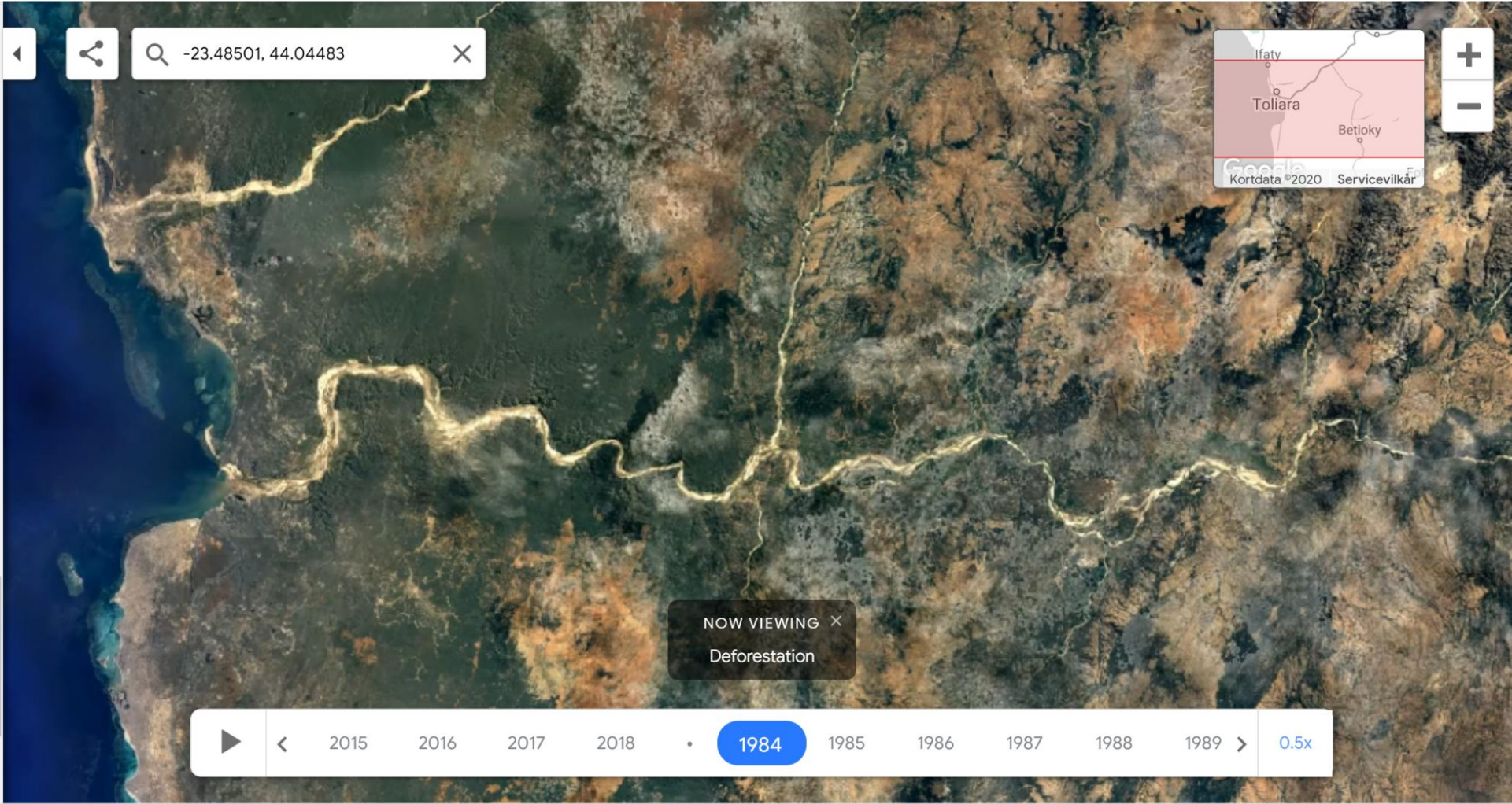
Deforestation  
Toliara and Saint Augustin, Madagascar



Mining  
Chuquicamata, Chile



Deforestation  
Nufo de Chavez, Bolivia



-23.48501, 44.04483

NOW VIEWING x  
Deforestation

2015 2016 2017 2018 • 1984 1985 1986 1987 1988 1989 > 0.5x




Ifaty  
Toliara  
Betsioky  
Kortdata ©2020 Servicevilkår



## Google Earth Timelapse



**Meandering rivers**  
Iquitos, Peru



**Deforestation**  
Toliara and Saint Augustin, Madagascar

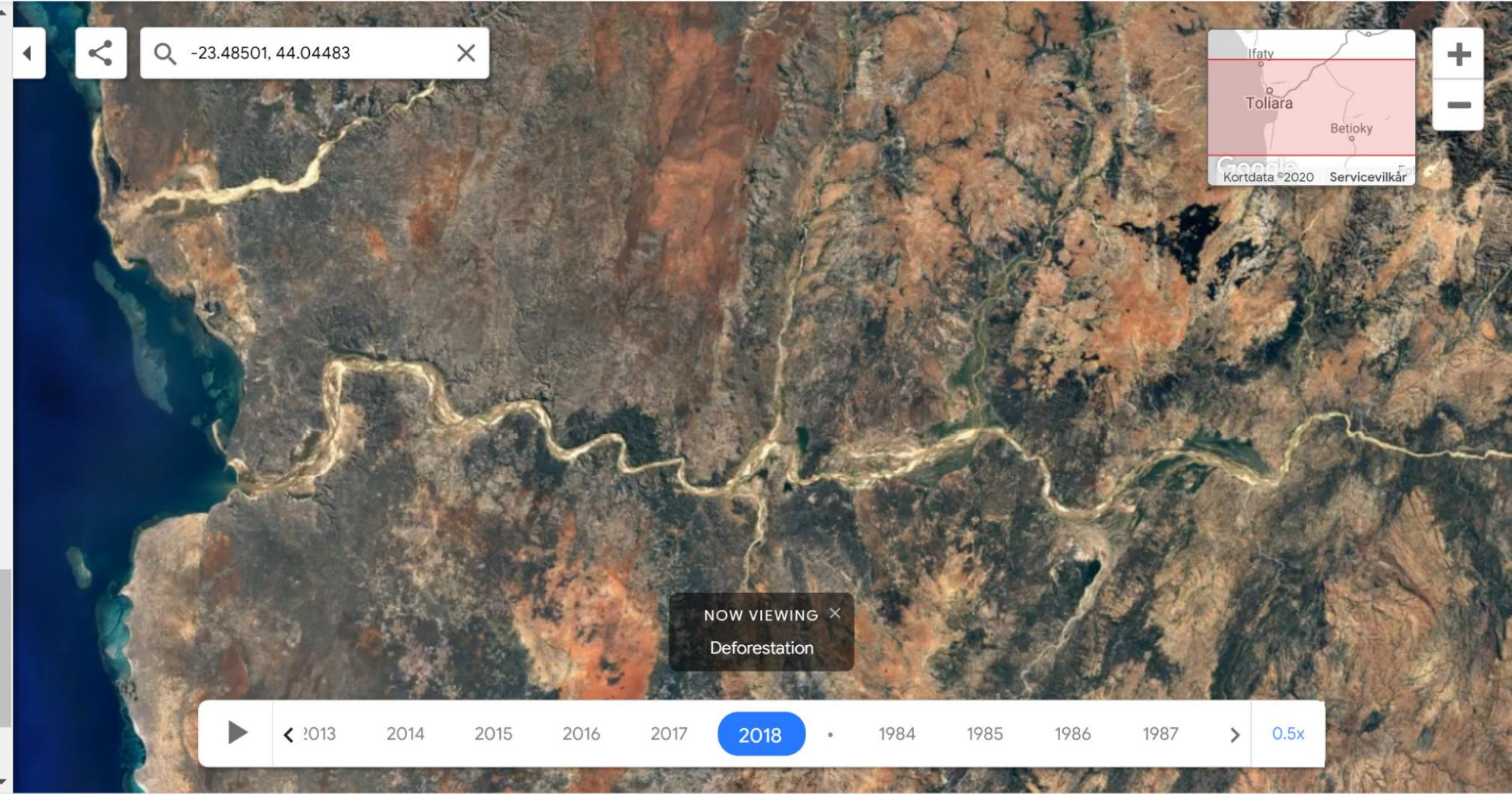


**Mining**  
Chuquicamata, Chile



**Deforestation**  
Nufo de Chavez, Bolivia

◀    🔗    🔍 -23.48501, 44.04483    ✕



**NOW VIEWING ✕**  
Deforestation

▶    < 2013    2014    2015    2016    2017    **2018**    •    1984    1985    1986    1987    >    0.5x

Google  
Kortdata ©2020    Servicevilkår




Jeg zoomer ud og finder et område på Sumatra i Indonesien

## Google Earth Timelapse

### About the project →

Earth Timelapse is a global, zoomable video that lets you see how the Earth has changed over the past 35 years.


### Timelapses around the world



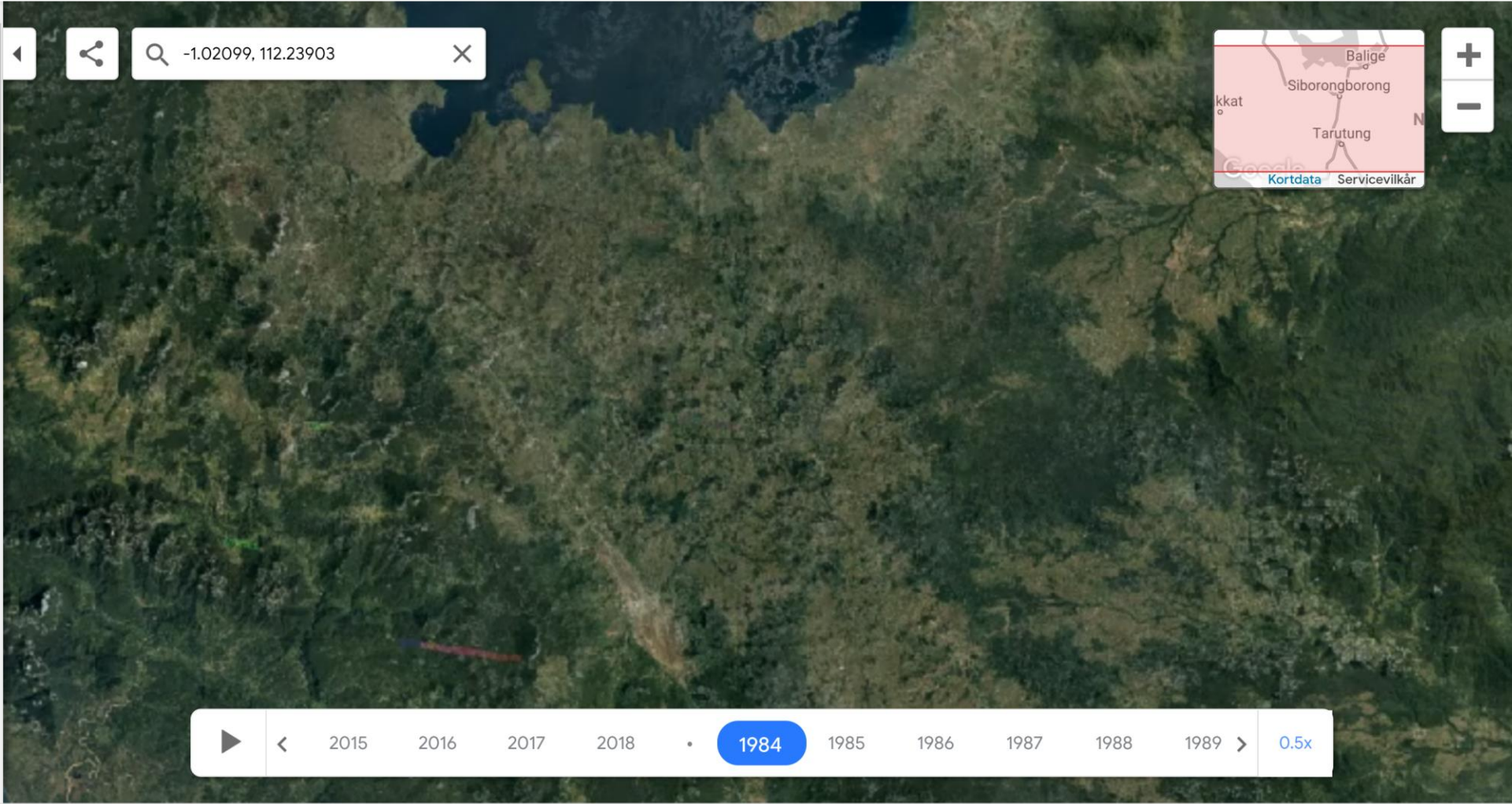
Columbia Glacier Ret...  
Alaska, USA



Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany



Search: -1.02099, 112.23903

Timeline: 2015 2016 2017 2018 • 1984 1985 1986 1987 1988 1989 > 0.5x

Inset map: Balige, Siborongborong, Tarutung, Kkat




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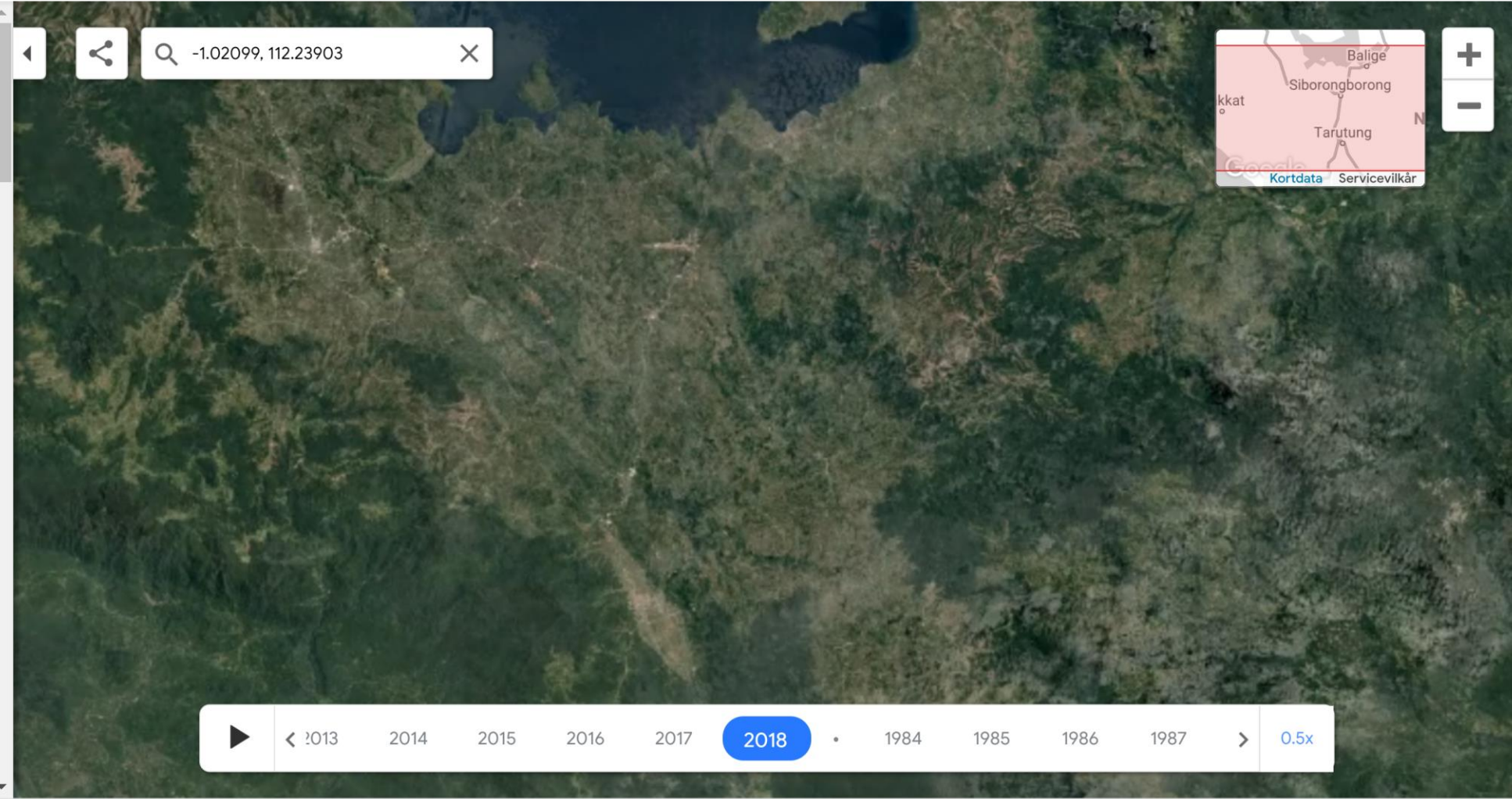
Columbia Glacier Ret...  
Alaska, USA



Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany



Search: -1.02099, 112.23903

Timeline: 2013 2014 2015 2016 2017 2018 1984 1985 1986 1987 0.5x

Inset map: Balige, Siborongborong, Tarutung, Kordata, Servicevilkår

# Så ser vi på Smeltningen af en Gletscher i Alaska

Jeg flytte søgefeltet til Grønland og vi ser smeltning af en gletscher der.  
Derefter ses en gletscher i Himalaya, senere havisen nord for Sibirien og  
ved Antarktis syd for Sydamerika



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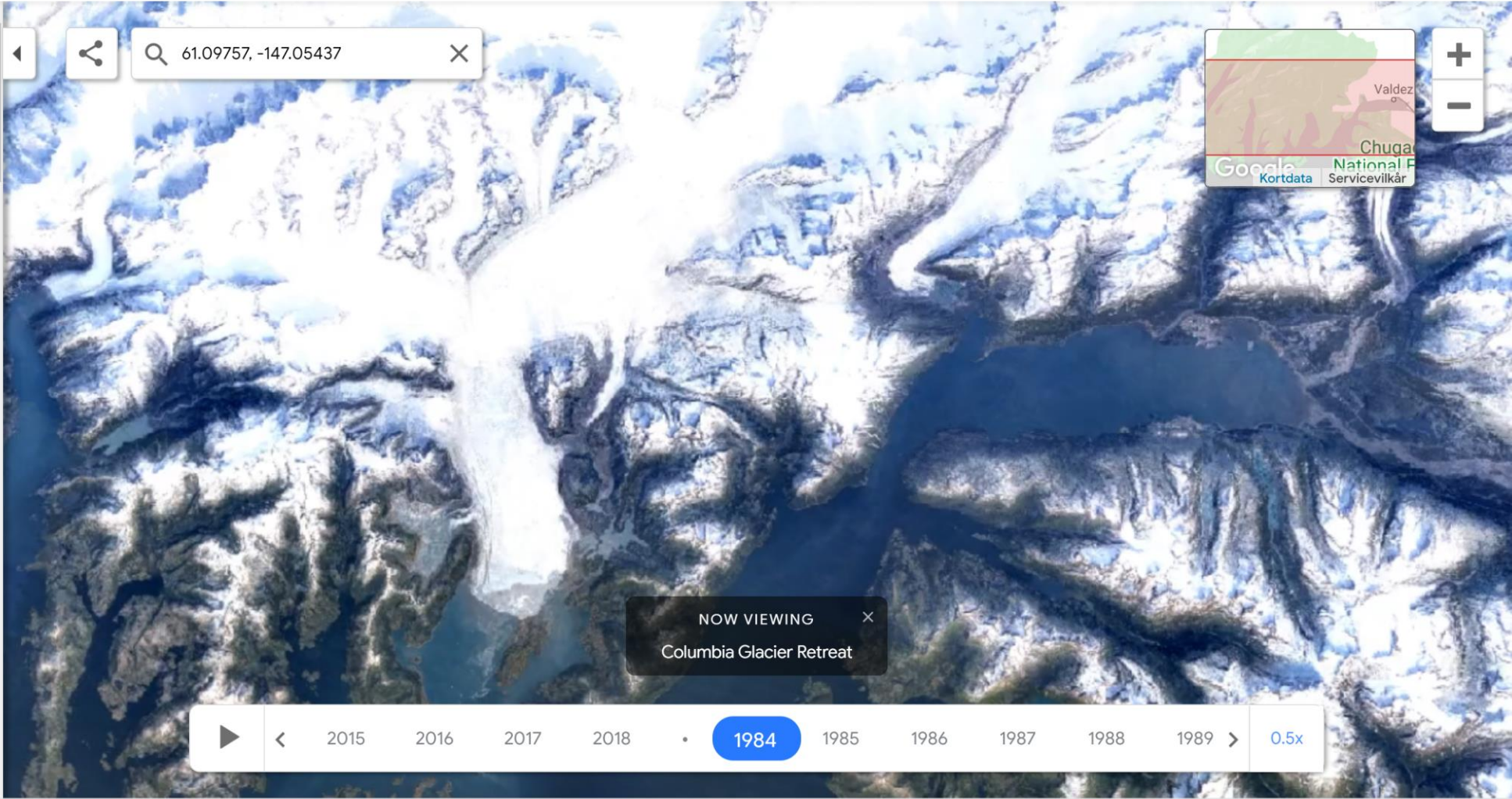
Columbia Glacier Ret...  
Alaska, USA



Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany



61.09757, -147.05437

Valdez Chuga National F Kortdata Servicevilkår

NOW VIEWING x  
Columbia Glacier Retreat

2015 2016 2017 2018 • 1984 1985 1986 1987 1988 1989 > 0.5x



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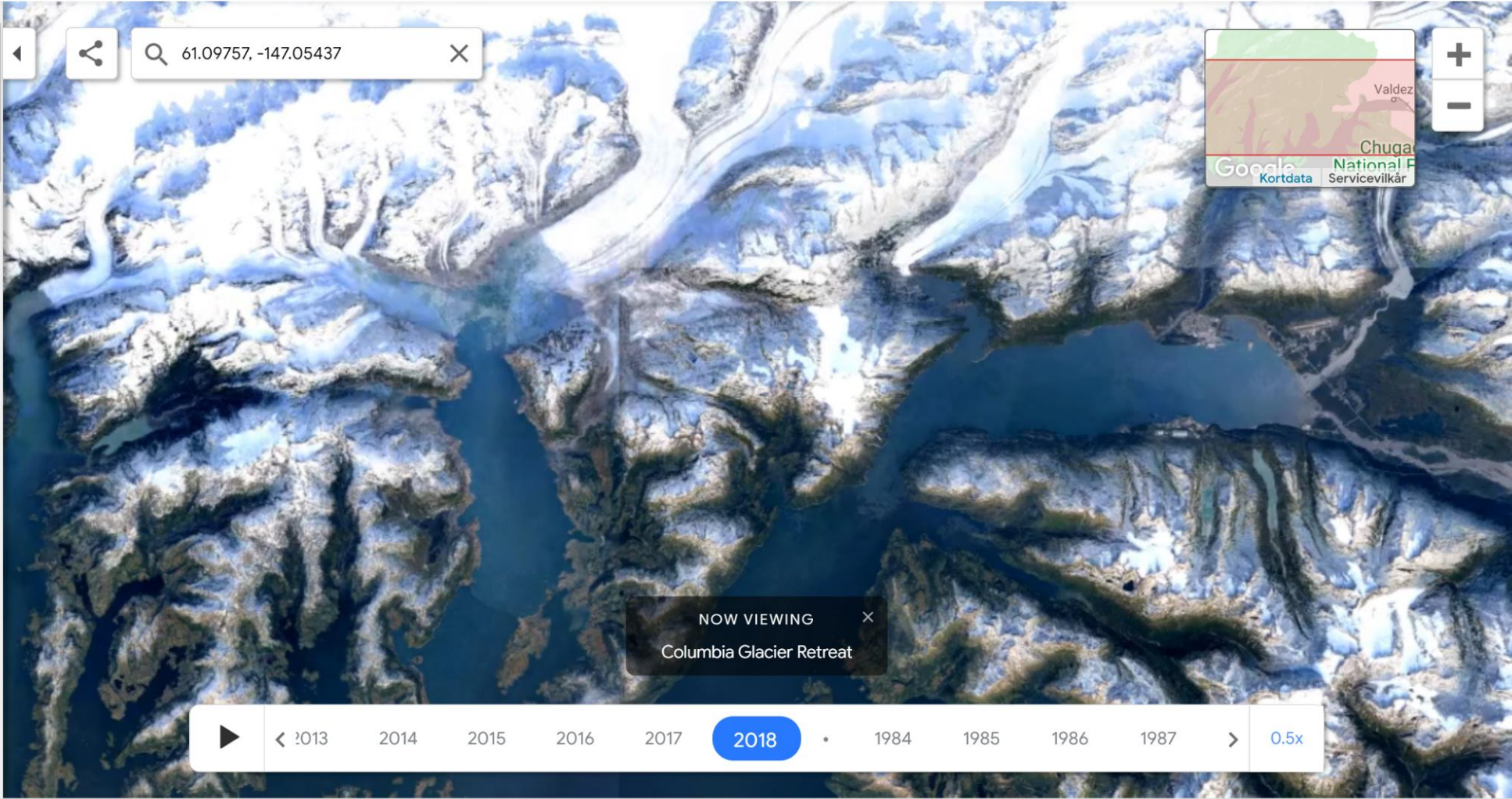
Columbia Glacier Ret...  
Alaska, USA



Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany



61.09757, -147.05437

Valdez Chuga National Kortdata Servicevilkår

NOW VIEWING x  
Columbia Glacier Retreat

2013 2014 2015 2016 2017 2018 1984 1985 1986 1987 0.5x




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Columbia Glacier Ret...  
Alaska, USA

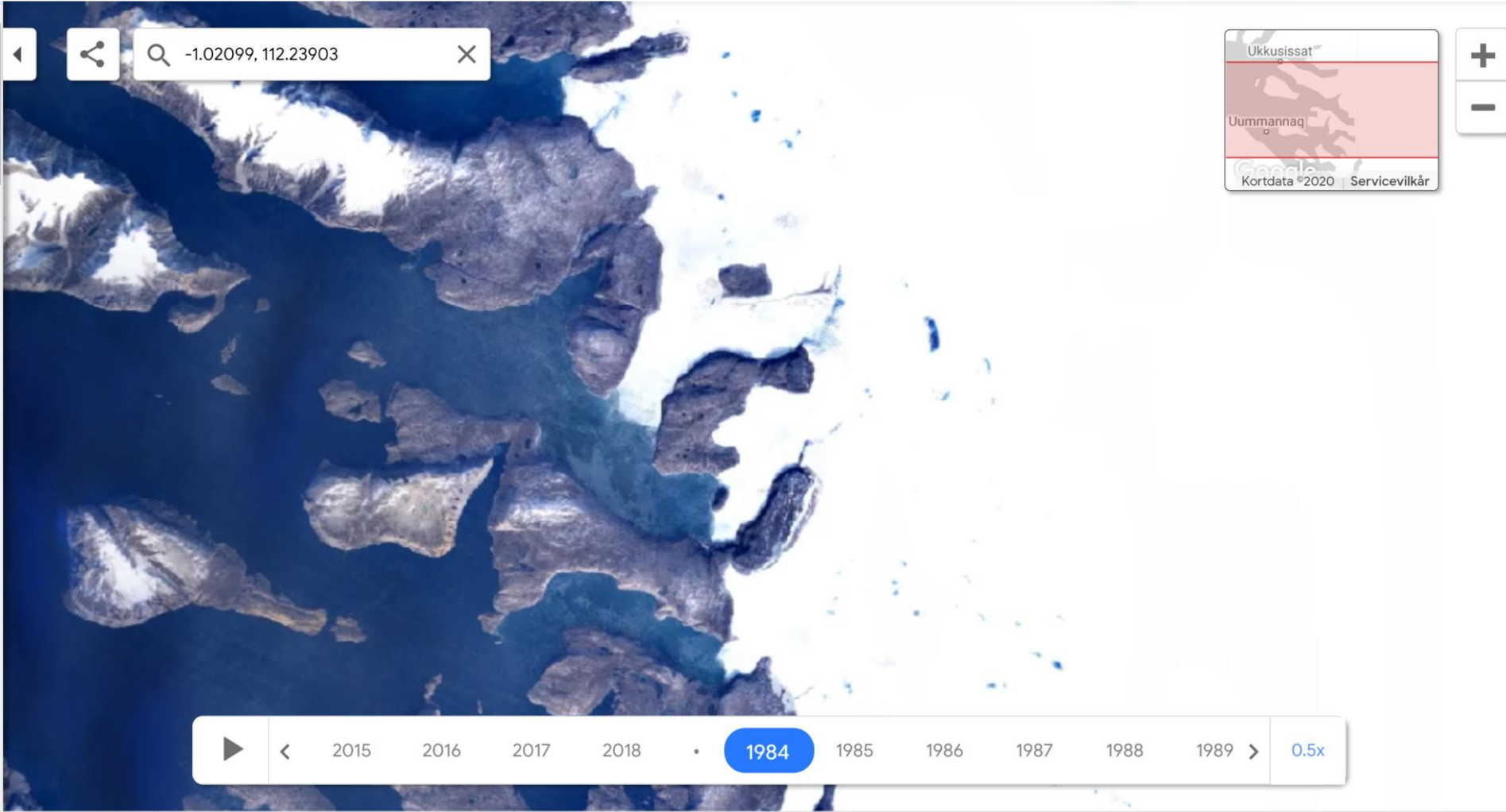


Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany

Navigation: Search: -1.02099, 112.23903



Timeline: 2015 2016 2017 2018 1984 1985 1986 1987 1988 1989 0.5x

Inset map: Ukkusissat, Uummannaq, Kortdata ©2020 Servicevilkår


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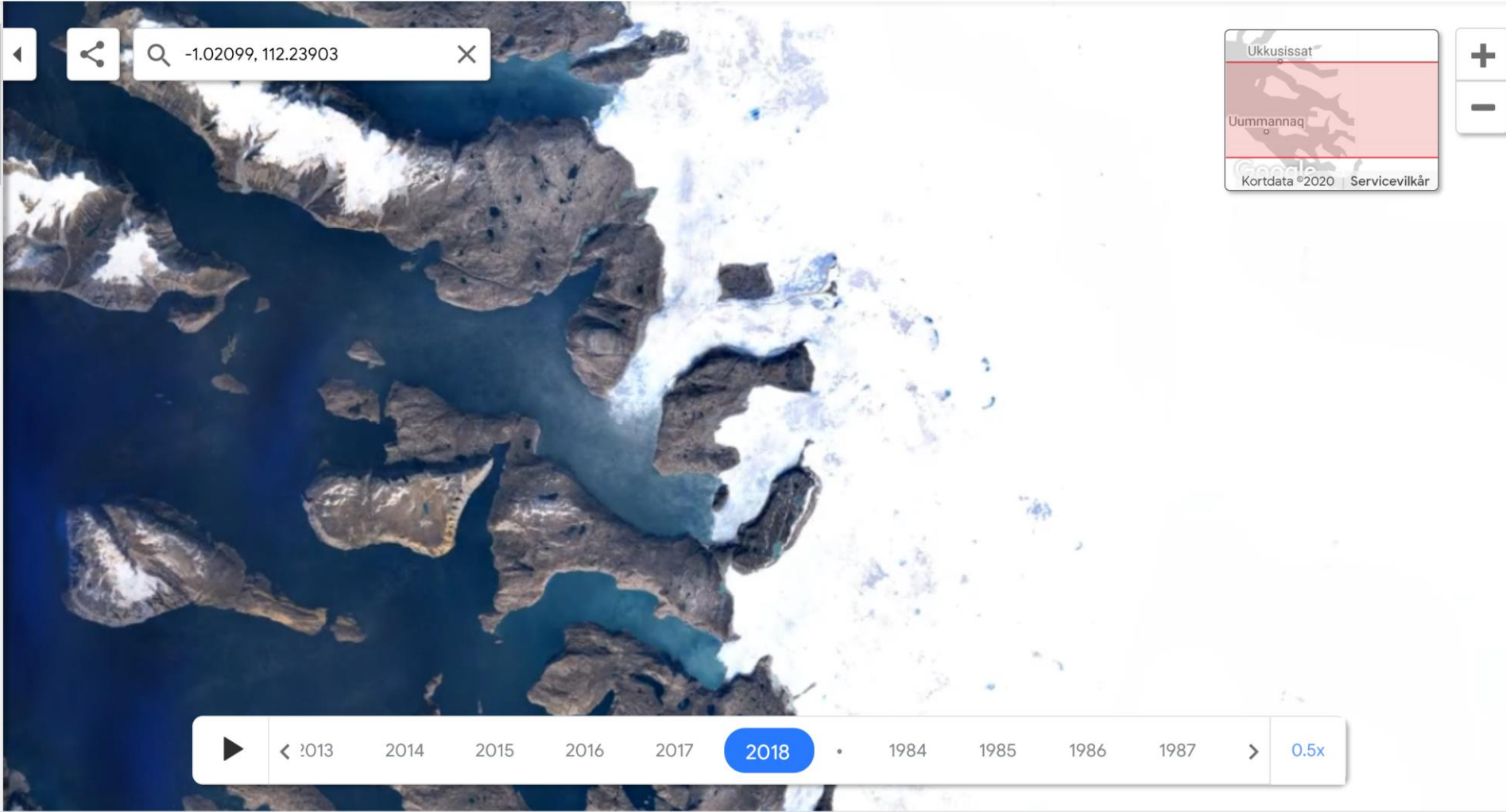
Columbia Glacier Ret...  
Alaska, USA



Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany



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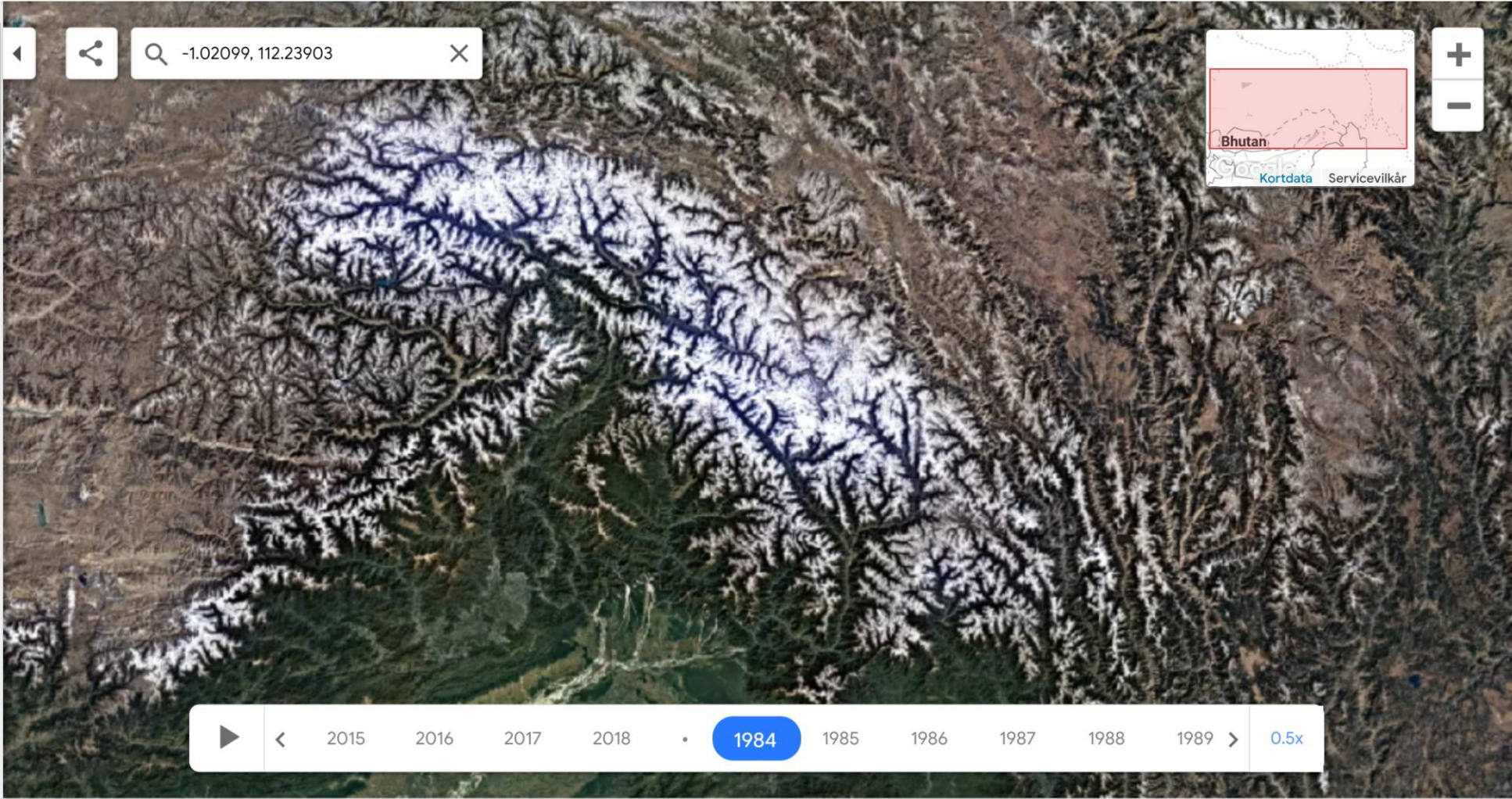
Columbia Glacier Ret...  
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Alberta, Canada



Construction of the ...  
Schonefeld, Germany



Search: -1.02099, 112.23903

Timeline: 2015 2016 2017 2018 • 1984 1985 1986 1987 1988 1989 > 0.5x

Inset map: Bhutan, Kortdata, Servicevilkår




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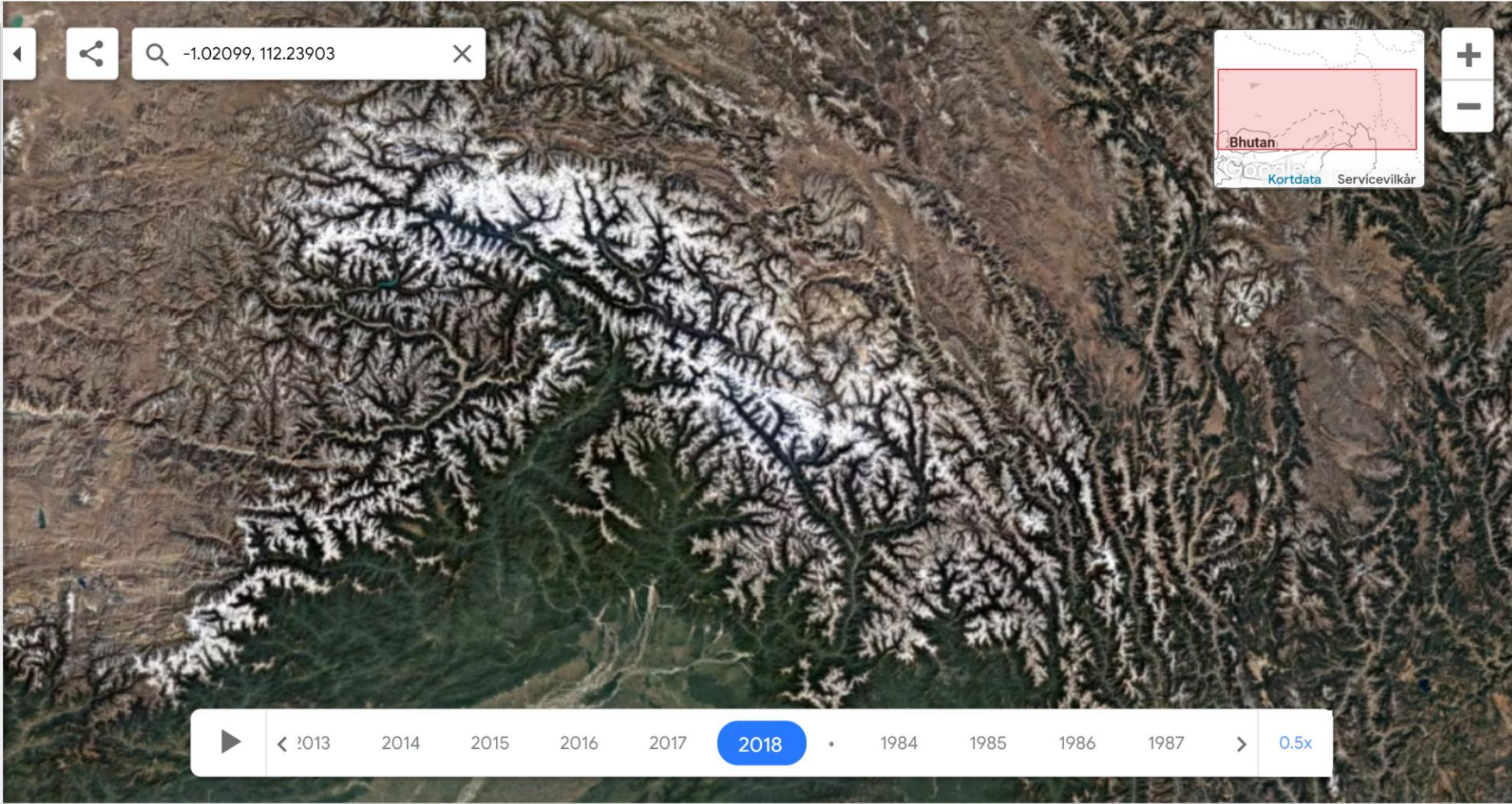
Columbia Glacier Ret...  
Alaska, USA



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Alaska, USA

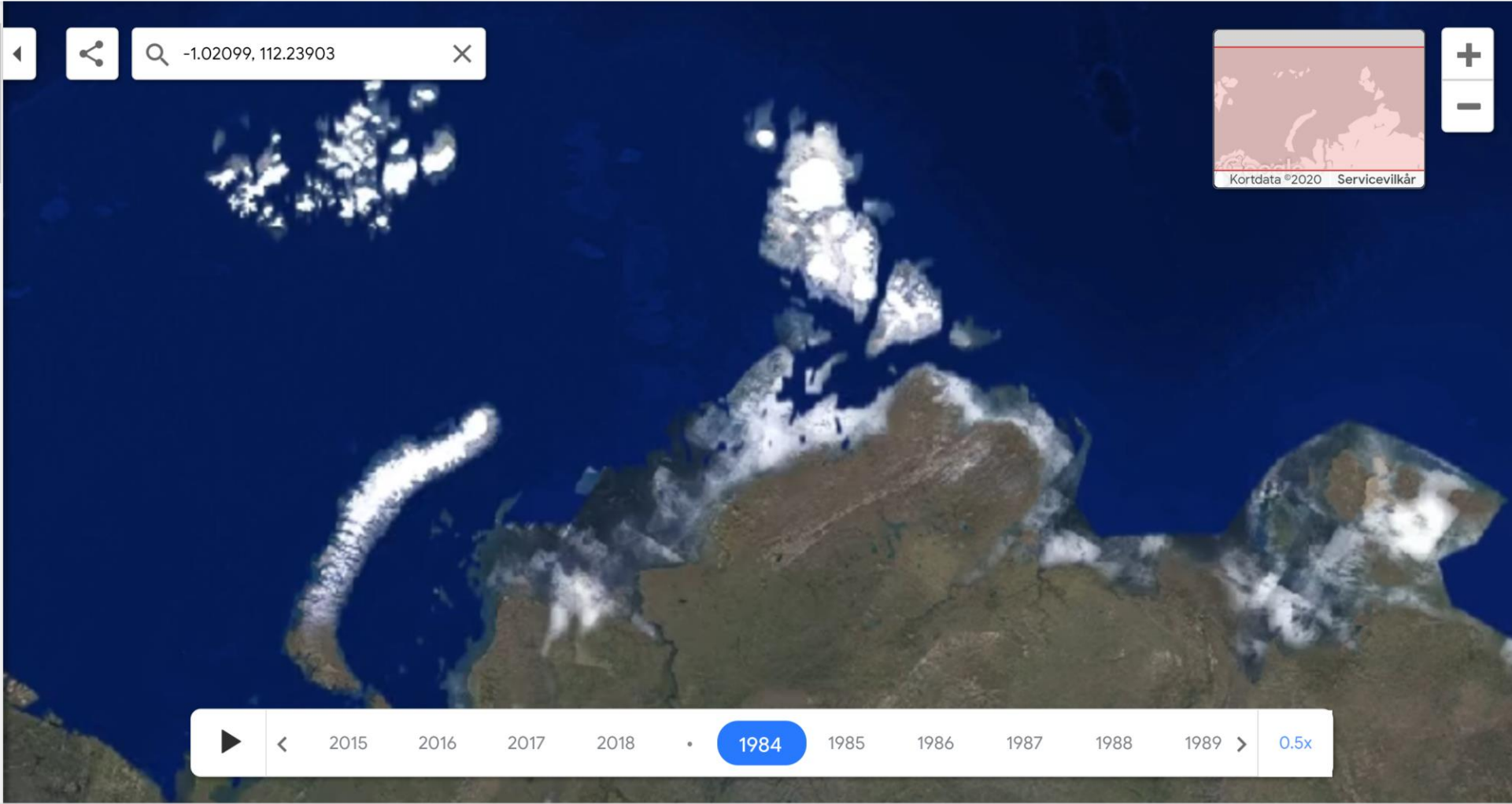


Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany

Navigation: Search: -1.02099, 112.23903



Timeline: 2015 2016 2017 2018 • 1984 1985 1986 1987 1988 1989 > 0.5x

Inset map: Kortdata ©2020 Servicevilkår


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Alaska, USA



Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany



Search: -1.02099, 112.23903

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Alaska, USA

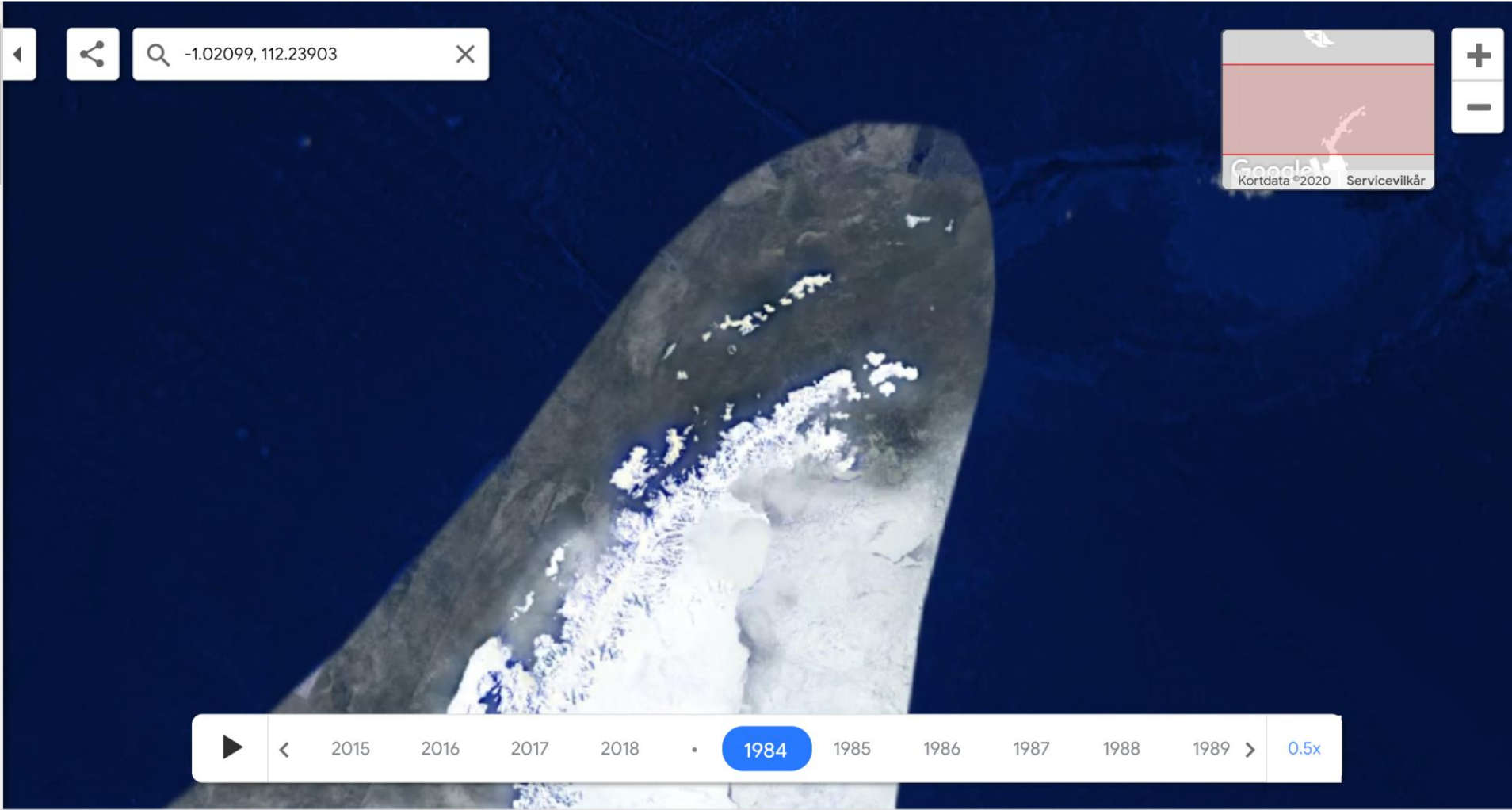


Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany

Navigation: Search: -1.02099, 112.23903



Timeline: 2015 2016 2017 2018 1984 1985 1986 1987 1988 1989 0.5x


Inset map: Kortdata ©2020 Servicevilkår

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Alaska, USA

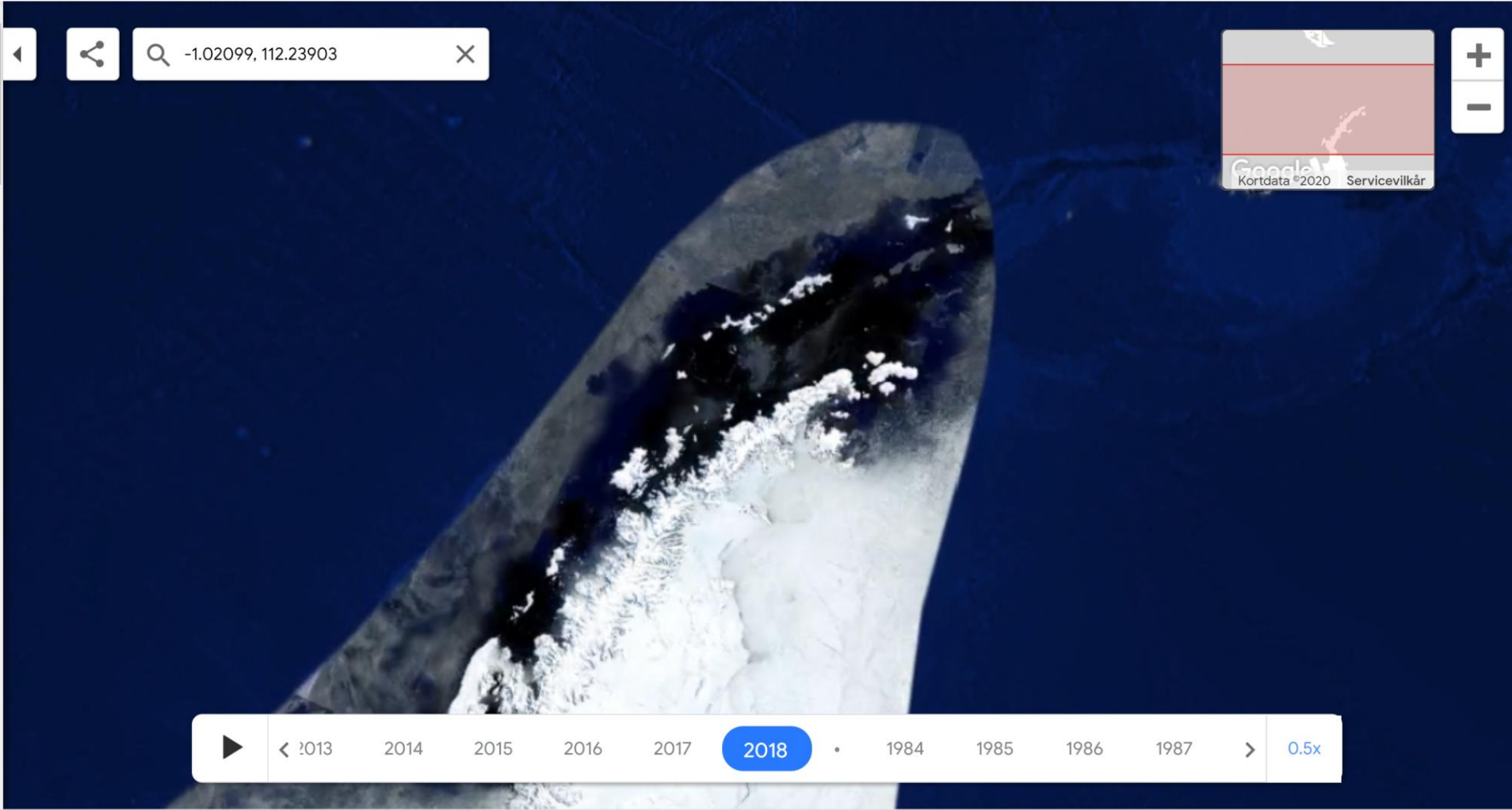


Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany

Navigation: Search: -1.02099, 112.23903



Timeline: 2013 2014 2015 2016 2017 2018 1984 1985 1986 1987 0.5x

Map inset: Kortdata ©2020 Servicevilkår



# Byen Cairo i vækst

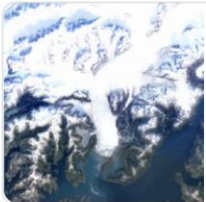
Derefter ses kunstvanding i Saudiarabien

# Google Earth Engine

## Google Earth Timelapse

changed over the past 35 years.


### Timelapses around the world



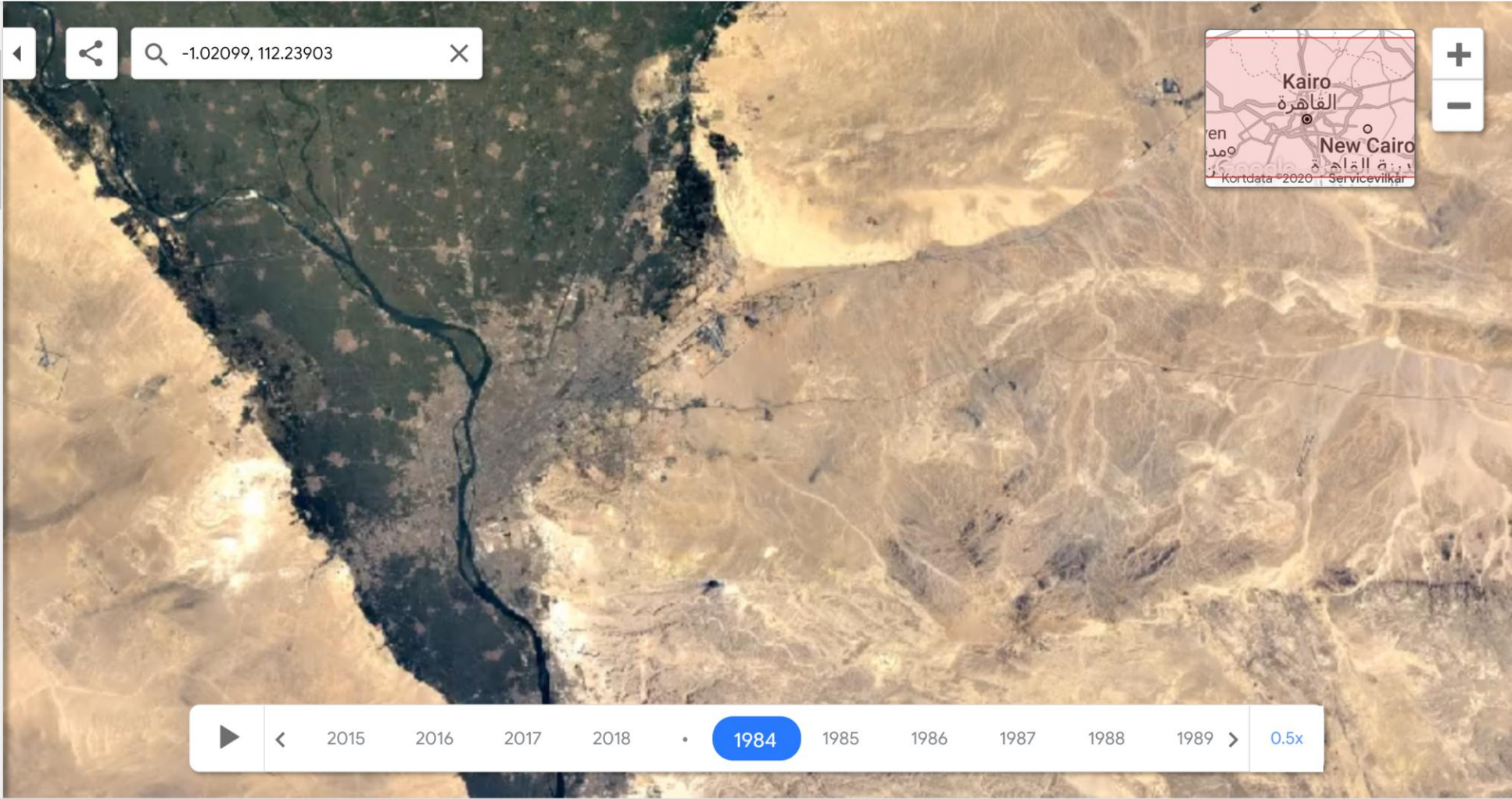
Columbia Glacier Ret...  
Alaska, USA



Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany



-1.02099, 112.23903

2015 2016 2017 2018 1984 1985 1986 1987 1988 1989 1.5x

Kairo القاهرة New Cairo مدينة القاهرة  
Kortdata © 2020 Servicevilkår



## Google Earth Timelapse

changed over the past 35 years.


### Timelapses around the world



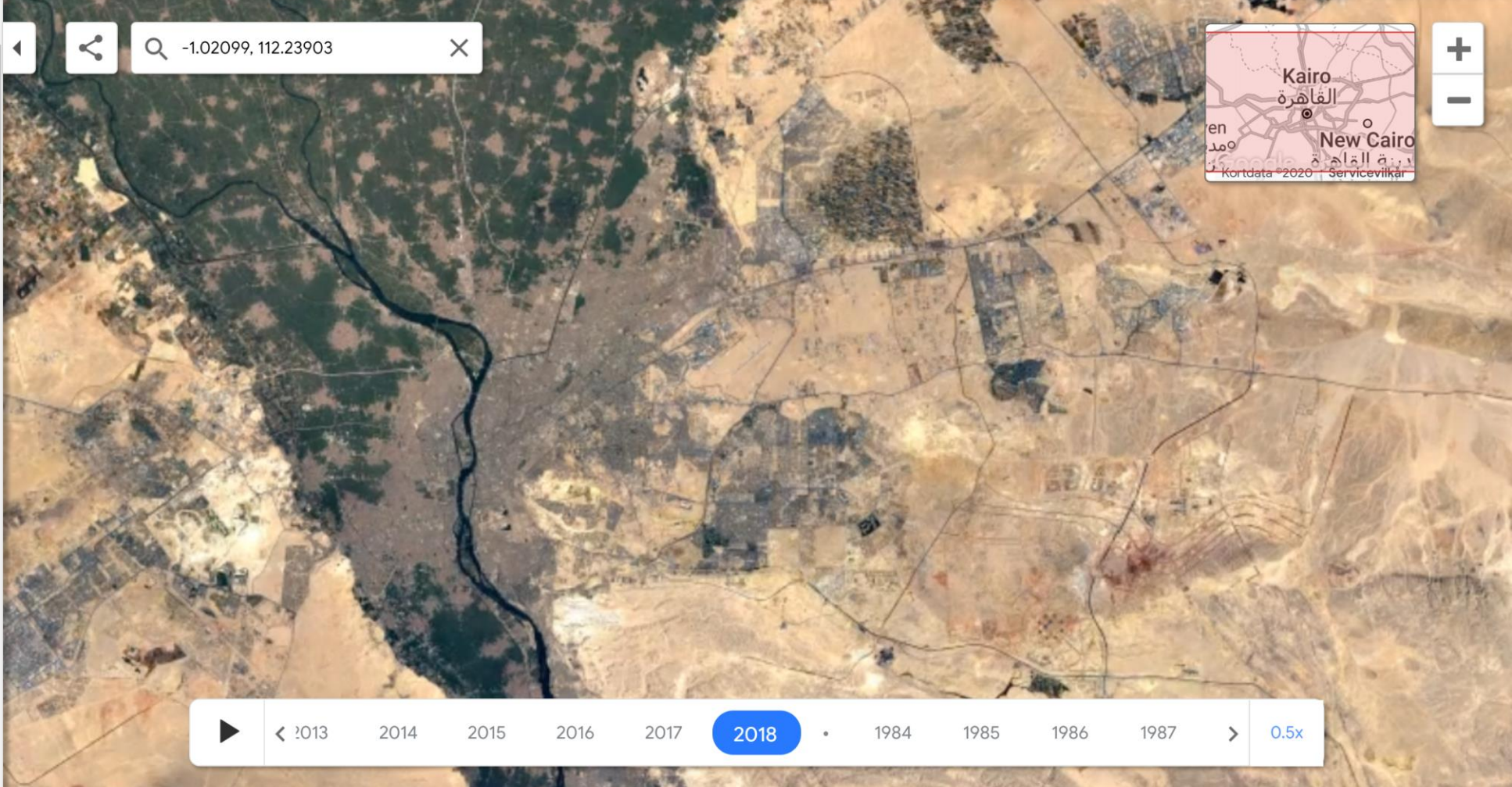
Columbia Glacier Ret...  
Alaska, USA



Mining  
Alberta, Canada



Construction of the ...  
Schonefeld, Germany



Search: -1.02099, 112.23903


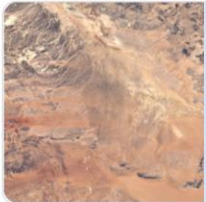


Timeline: 2013 2014 2015 2016 2017 **2018** 1984 1985 1986 1987 0.5x

Inset map: Cairo (القاهرة), New Cairo (مدينة القاهرة)

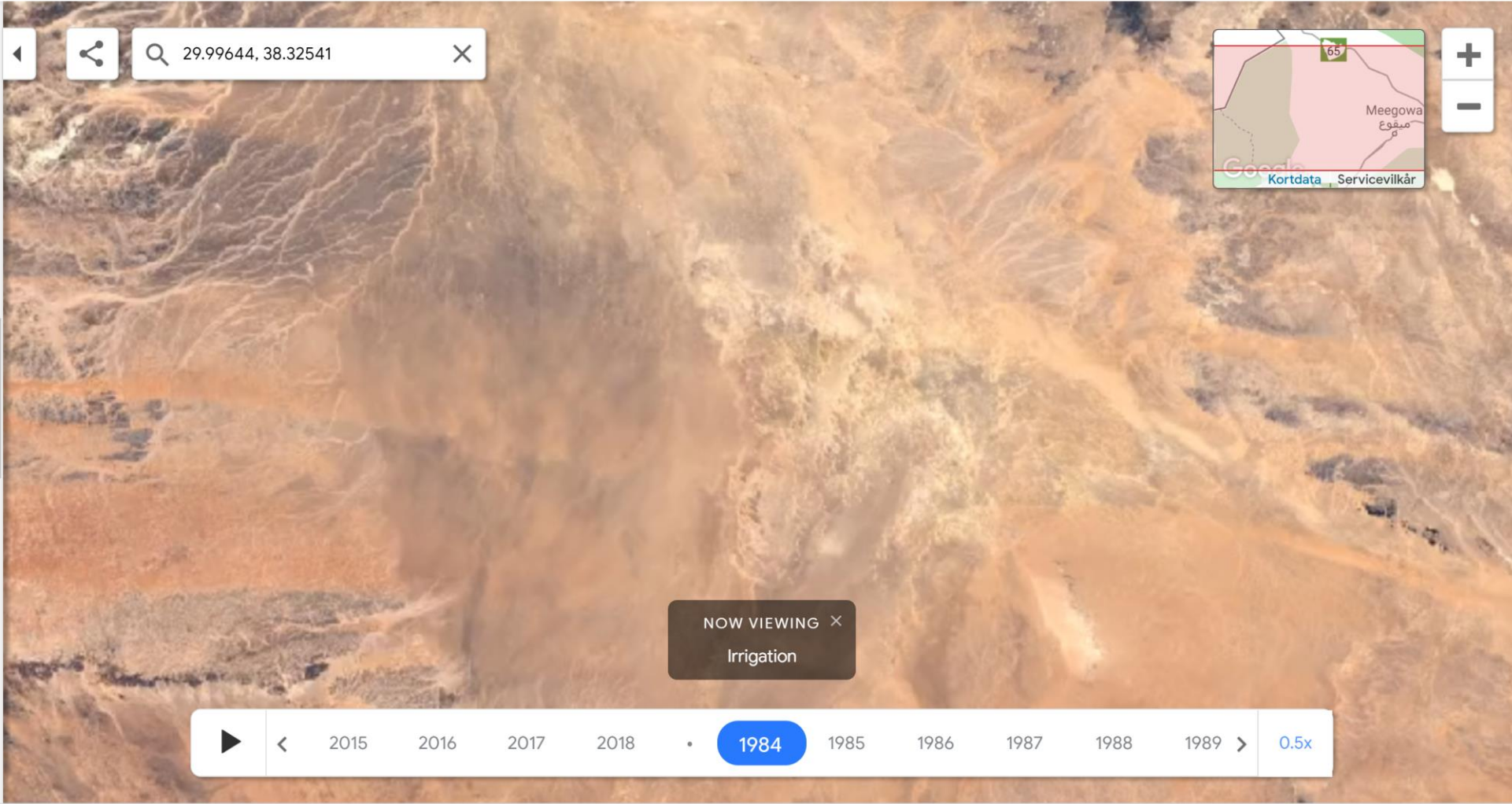


# Google Earth Engine

## Google Earth Timelapse

-  Las Vegas, Nevada, USA
-  **Irrigation**  
Saudi Arabia
-  Meandering rivers  
Kosi River, Bihar, India
-  Coastal Expansion  
Dubai, UAE

◀ 🔗 🔍 29.99644, 38.32541 ✕



Google  
Kortdata Servicevilkår



NOW VIEWING ✕  
Irrigation


▶ < 2015 2016 2017 2018 • **1984** 1985 1986 1987 1988 1989 > 0.5x

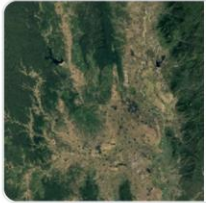


# Google Earth Engine


## Google Earth Timelapse

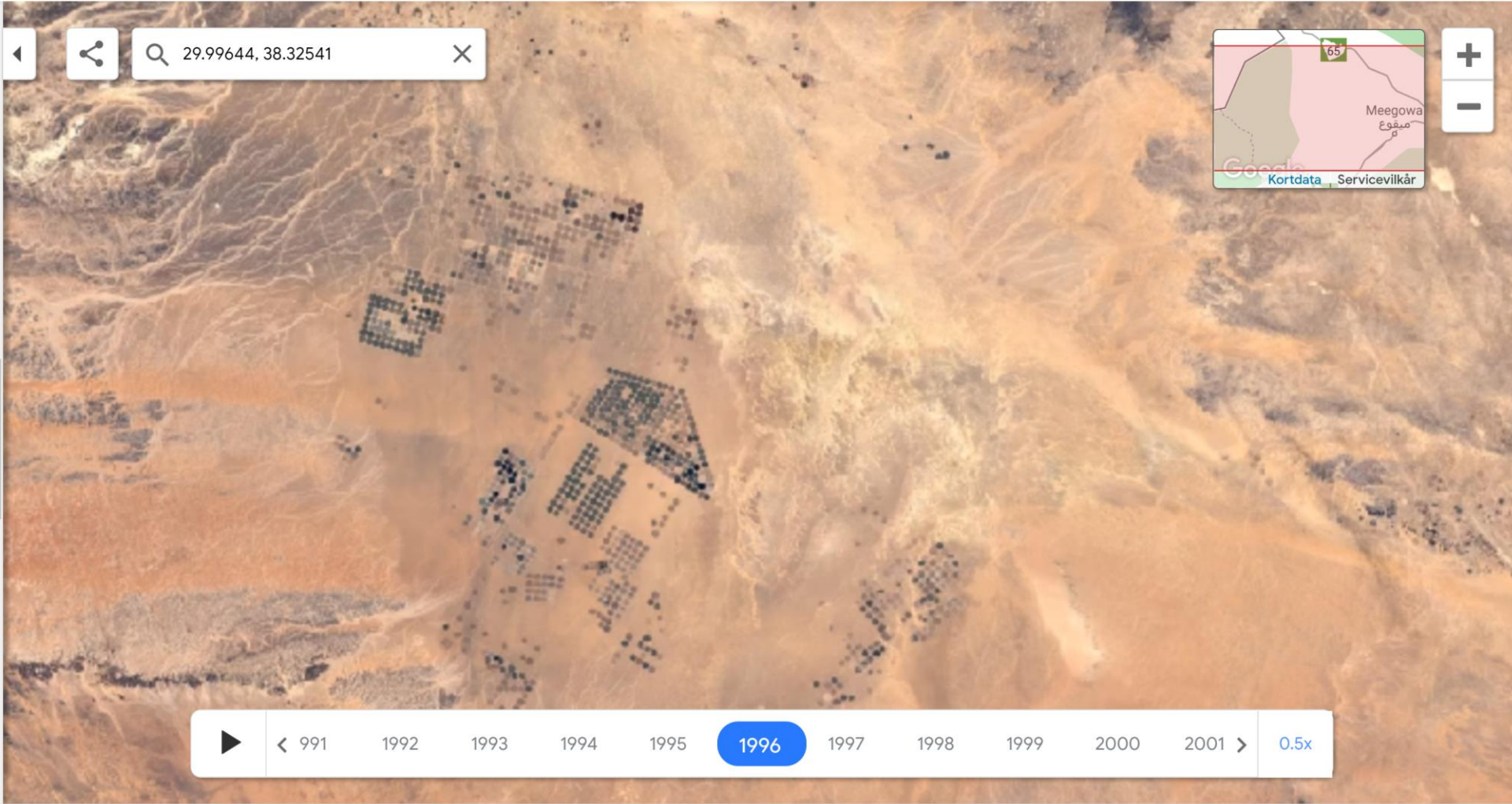
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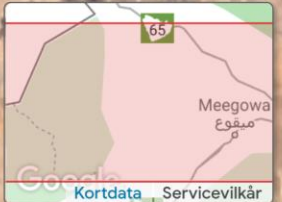
Meandering rivers  
Kosi River, Bihar, India
- 

Coastal Expansion  
Dubai, UAE
- 

Urban growth  
Naypyitaw, Myanmar

◀  29.99644, 38.32541 ✕








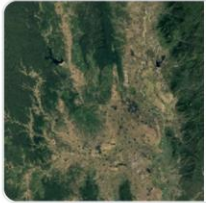
▶ < 991 1992 1993 1994 1995 **1996** 1997 1998 1999 2000 2001 > 0.5x



## Google Earth Timelapse

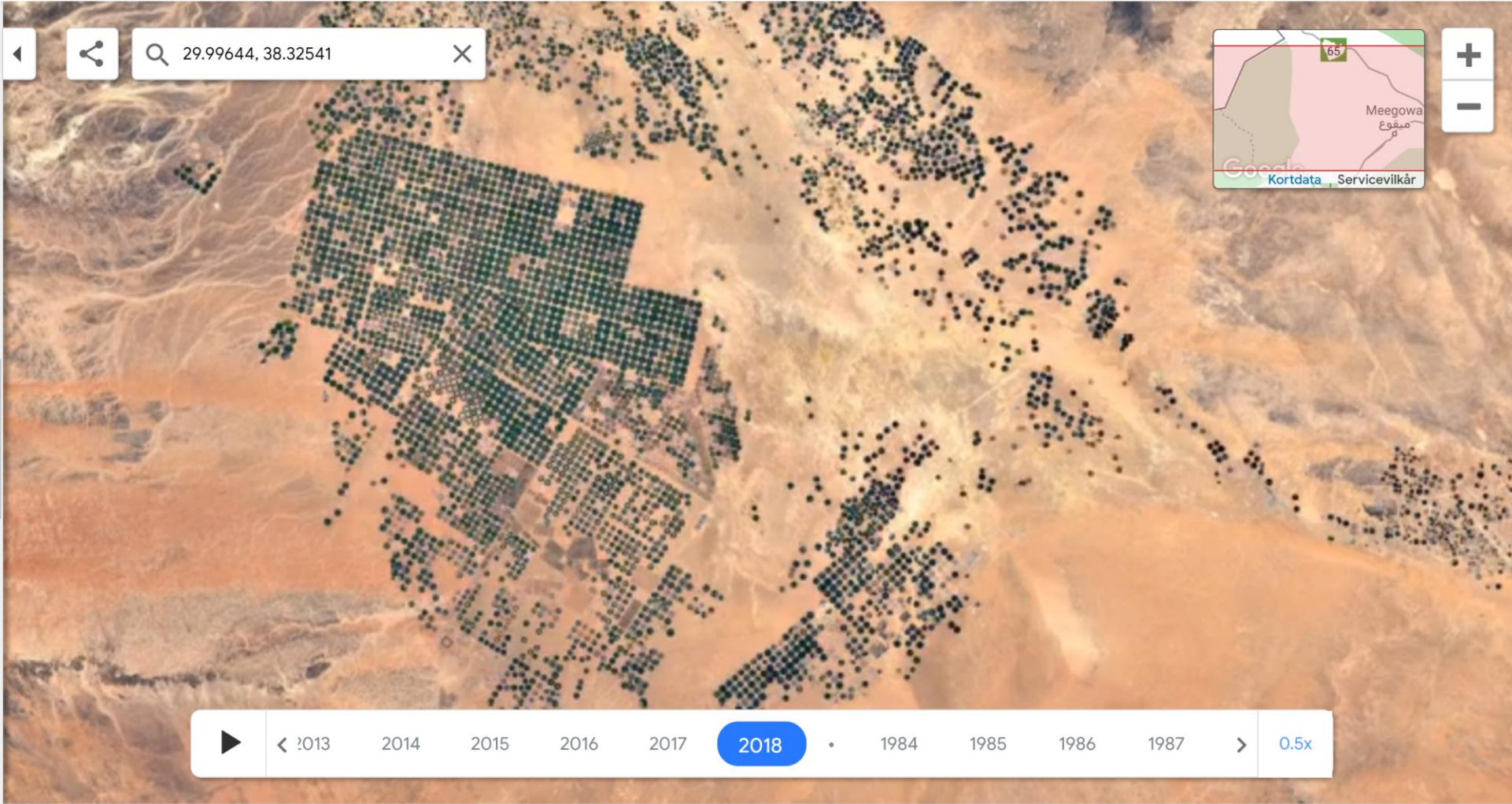
- 
- 

Meandering rivers  
Kosi River, Bihar, India
- 

Coastal Expansion  
Dubai, UAE
- 

Urban growth  
Naypyitaw, Myanmar

29.99644, 38.32541



Meegowa  
معيقوع

Kortdata Servicevilkår

2013 2014 2015 2016 2017 2018 1984 1985 1986 1987 0.5x




# Vi følger udviklingen i en mine i Chile

Og i udtørringen af Aralsøen.

Eleverne finder selv nye områder og undersøger udviklingen der. Det er meget enkelt. Et super redskab til fx at overvåge udfordringer for klimaet og for ressourceforbruget.

Hilsner fra [Carsten.skovgaard.andersen@gmail.com](mailto:Carsten.skovgaard.andersen@gmail.com) – Stjernechamberet ved Bellahøj  
Skole

## Google Earth Timelapse




**Deforestation**  
Toliara and Saint Augustin, Madagascar



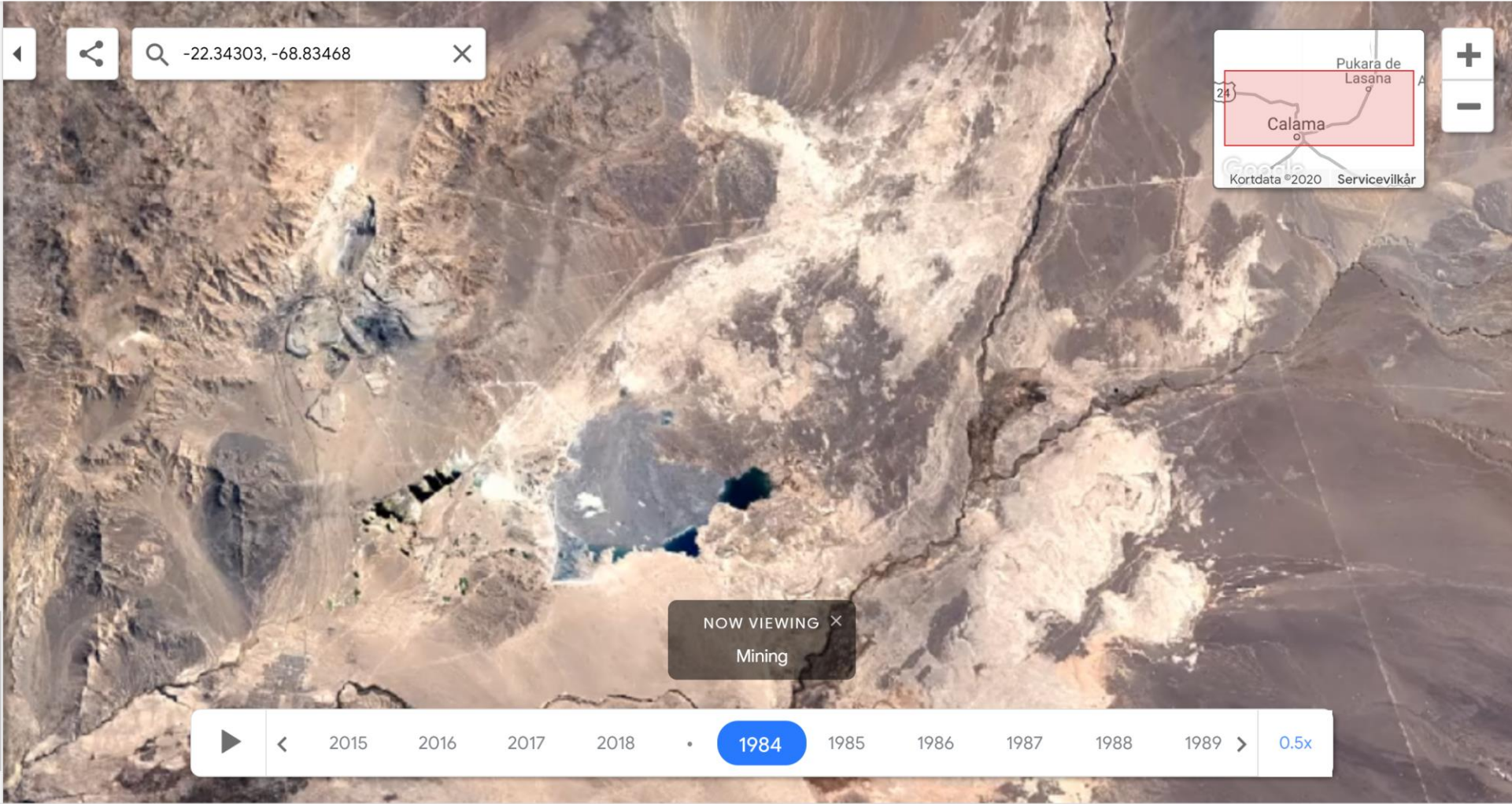
**Mining**  
Chuquicamata, Chile



**Deforestation**  
Nuflo de Chavez, Bolivia



**Deforestation**  
Rondonia, Brazil



Search: -22.34303, -68.83468


Map inset: Pukara de Lasana, Calama, Kortdata ©2020, Servicevilkår

NOW VIEWING x  
Mining


Timeline: 2015 2016 2017 2018 • **1984** 1985 1986 1987 1988 1989 > 0.5x



## Google Earth Timelapse




Deforestation  
Toliara and Saint Augustin, Madagascar



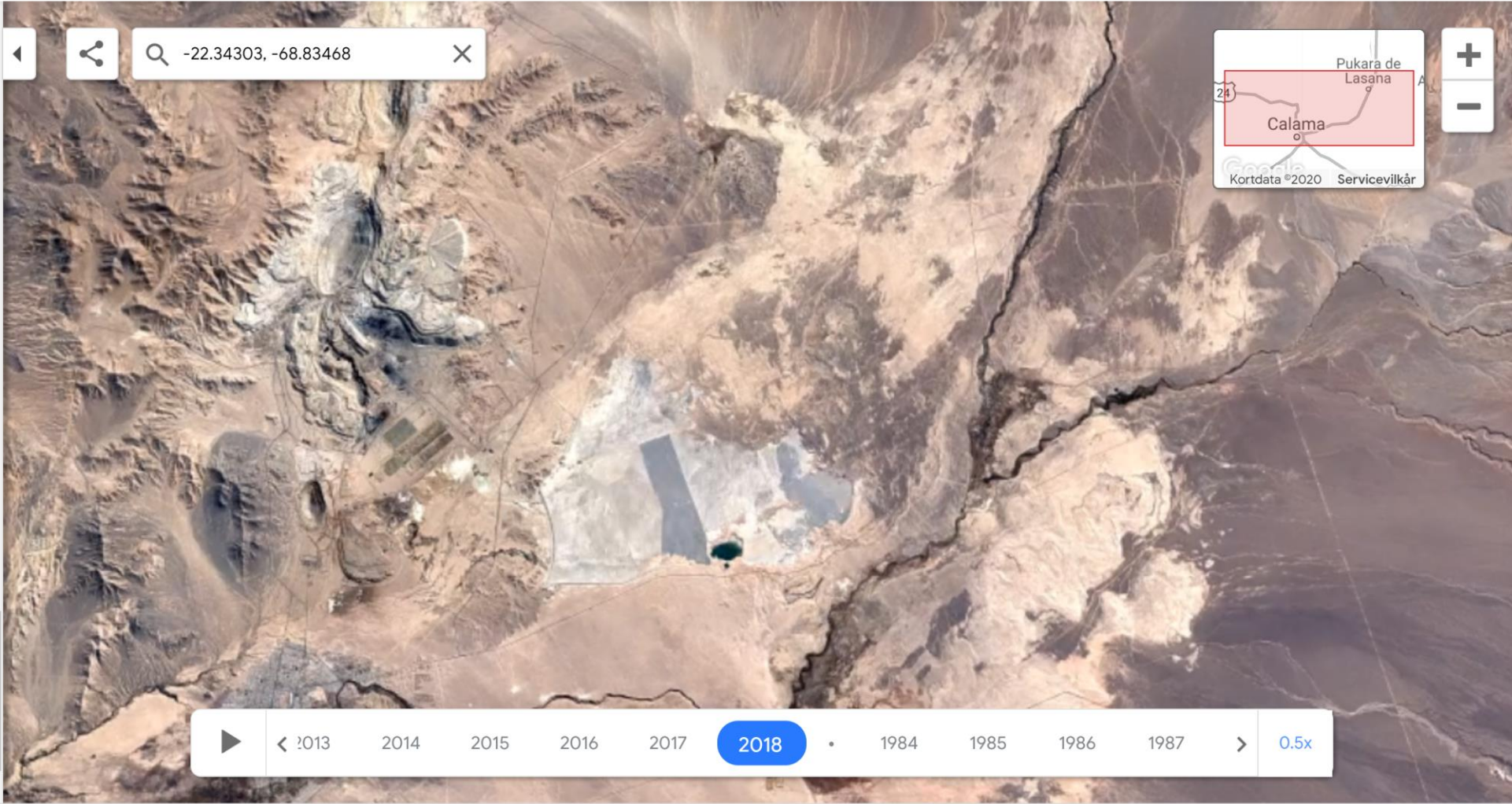
Mining  
Chuquicamata, Chile



Deforestation  
Nuflo de Chavez, Bolivia



Deforestation  
Rondonia, Brazil



Search: -22.34303, -68.83468

Timeline: 2013 2014 2015 2016 2017 2018 1984 1985 1986 1987 0.5x

Location Map: Calama, Pukara de Lasana, Kortdata ©2020, Servicevilkår



## Google Earth Timelapse

- Alberta, Canada
- Construction of the ...  
Schonefeld, Germany
- Drying of the Aral Sea**  
Kazakhstan and Uzbekistan
- Urban growth  
Dalian, Liaoning, China

44.99730, 59.79044

Uzbekistan  
Kortdata Servicevilkår

NOW VIEWING  
Drying of the Aral Sea

2015 2016 2017 2018 • 1984 1985 1986 1987 1988 1989 > 0.5x



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Drying of the Aral Sea

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