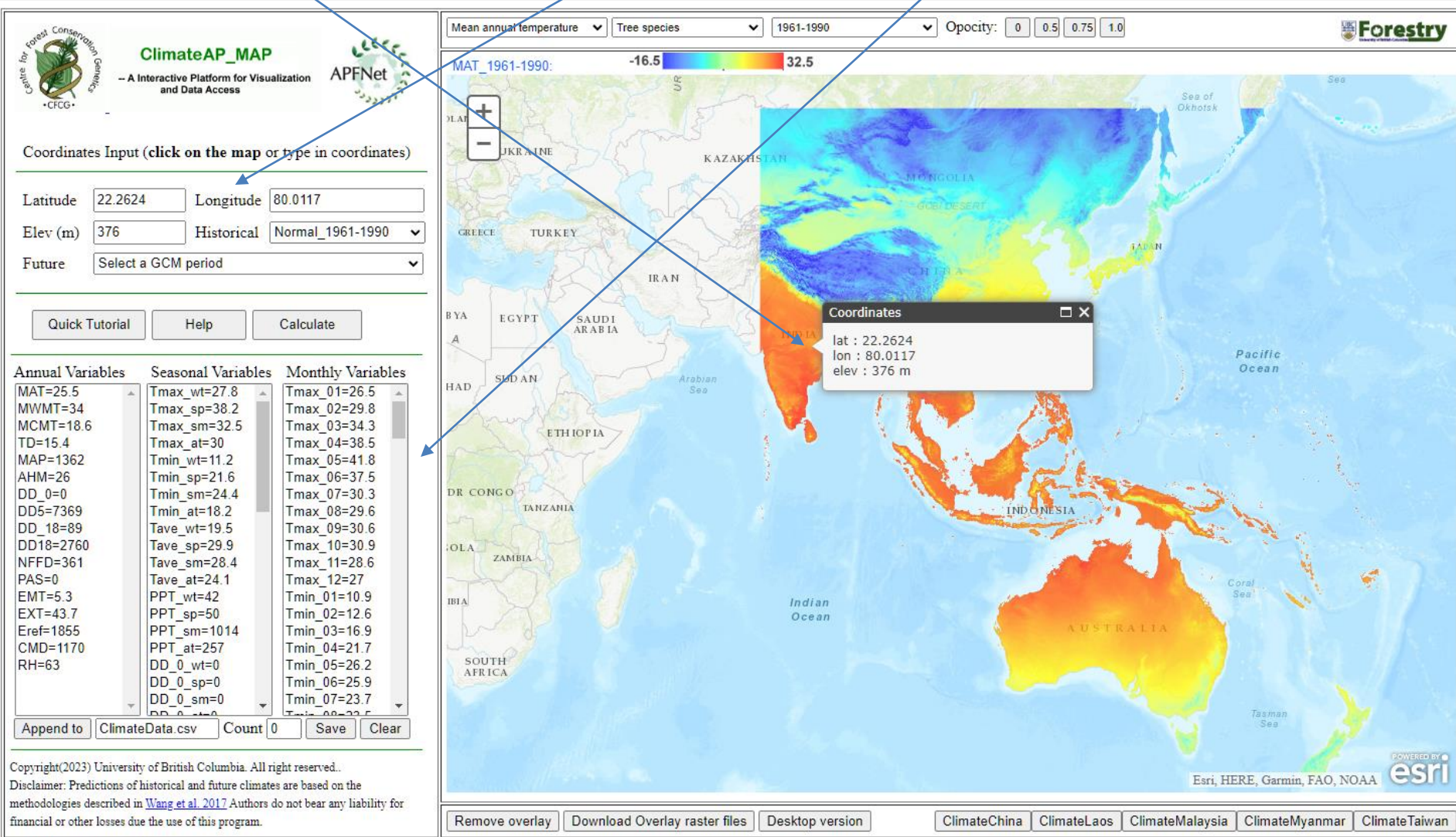


Click a location on the map, and the coordinates and climate variables will show up


1


2

3



Choose a historical year or a period from the dropdown box, the climate variables will be updated.

 **ClimateAP_MAP**
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 **APFNet**

Coordinates Input (click on the map or type in coordinates)

Latitude: 22.2624 Longitude: 80.0117

Elev (m): 376 Historical: **Normal_1961-1990**

Future: Select a GCM period

Annual Variables

- MAT=25.5
- MWMT=34
- MCMT=18.6
- TD=15.4
- MAP=1362
- AHM=26
- DD_0=0
- DD5=7369
- DD_18=89
- DD18=2760
- NFFD=361
- PAS=0
- EMT=5.3
- EXT=43.7
- Eref=1855
- CMD=1170
- RH=63

Seasonal Variables

- Tmax_wt=27.8
- Tmax_sp=38.2
- Tmax_sm=31.5
- Tmax_at=30
- Tmin_wt=11.1
- Tmin_sp=21.1
- Tmin_sm=24.1
- Tmin_at=18.2
- Tave_wt=19.5
- Tave_sp=29.9
- Tave_sm=28.4
- Tave_at=24.1
- PPT_wt=42
- PPT_sp=50
- PPT_sm=1014
- PPT_at=257
- DD_0_wt=0
- DD_0_sp=0
- DD_0_sm=0

Historical Periods

- Select a period
- Normal_1901_1930.nrm
- Normal_1911_1940.nrm
- Normal_1921_1950.nrm
- Normal_1931_1960.nrm
- Normal_1941_1970.nrm
- Normal_1951_1980.nrm
- Normal_1971_2000.nrm
- Normal_1981_2010.nrm
- Normal_1991_2020.nrm
- Decade_1901_1910.dcd
- Decade_1911_1920.dcd
- Decade_1921_1930.dcd
- Decade_1931_1940.dcd
- Decade_1941_1950.dcd
- Decade_1951_1960.dcd
- Decade_1961_1970.dcd
- Decade_1971_1980.dcd
- Decade_1981_1990.dcd

Count: 0

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Mean annual temperature | Tree species | 1961-1990 | Opacity: 0 0.5 0.75 1.0

MAT_1961-1990: -16.5 32.5

Coordinates
lat : 22.2624
lon : 80.0117
elev : 376 m

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Choose a future period from the dropdown box, the climate variables will be updated.

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Coordinates Input (click on the map or type in coordinates)

Latitude: 22.2624 Longitude: 80.0117

Elev (m): 376 Historical: Select a period

Future: 8GCMs_ensemble_ssp126_2011-2040.gcm

Select a GCM period

8GCMs_ensemble_ssp126_2011-2040.gcm
8GCMs_ensemble_ssp126_2041-2070.gcm
8GCMs_ensemble_ssp126_2071-2100.gcm
8GCMs_ensemble_ssp245_2011-2040.gcm
8GCMs_ensemble_ssp245_2041-2070.gcm
8GCMs_ensemble_ssp245_2071-2100.gcm
8GCMs_ensemble_ssp370_2011-2040.gcm
8GCMs_ensemble_ssp370_2041-2070.gcm
8GCMs_ensemble_ssp370_2071-2100.gcm
8GCMs_ensemble_ssp585_2011-2040.gcm
8GCMs_ensemble_ssp585_2041-2070.gcm
8GCMs_ensemble_ssp585_2071-2100.gcm
13GCMs_ensemble_ssp126_2011-2040.gcm
13GCMs_ensemble_ssp126_2041-2070.gcm
13GCMs_ensemble_ssp126_2071-2100.gcm
13GCMs_ensemble_ssp245_2011-2040.gcm
13GCMs_ensemble_ssp245_2041-2070.gcm
13GCMs_ensemble_ssp245_2071-2100.gcm
13GCMs_ensemble_ssp370_2011-2040.gcm

Annual Variations

MAT=26
MWM=36.6
MCMT=19.1
TD=15.5
MAP=1536
AHM=23.5
DD_0=0
DD5=7566
DD_18=72
DD18=2936
NFFD=361
PAS=0
EMT=5.6
EXT=44.5
Eref=1917
CMD=1149
RH=62

PPT_sp=59 Pmin_02=13
PPT_sm=1132 Pmin_03=17.3
PPT_at=305 Pmin_04=22.1
DD_0_wt=0 Tmin_05=26.7
DD_0_sp=0 Tmin_06=26.3
DD_0_sm=0 Tmin_07=24
DD_0_at=0 Tmin_08=22.7

Append to ClimateData.csv Count 0 Save Clear

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Mean annual temperature Tree species 1961-1990 Opacity: 0 0.5 0.75 1.0

MAT_1961-1990: -16.5 32.5

Coordinates

lat : 22.2624
lon : 80.0117
elev : 376 m

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Coordinates Input (click on the map or type in coordinates)

Latitude Longitude

Elev (m) Historical

Future

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Annual Variables Seasonal Variables Monthly Variables

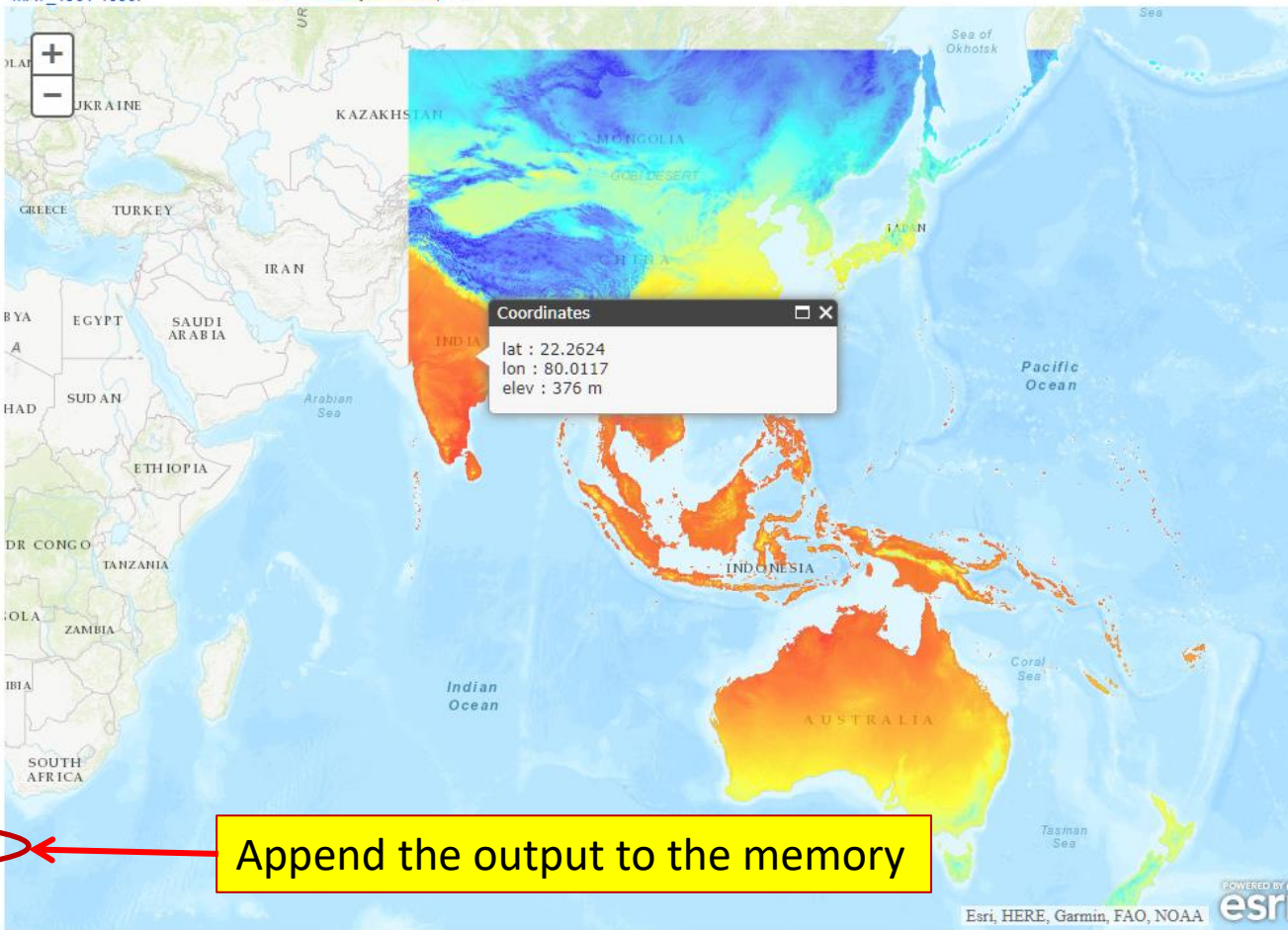
MAT=26	Tmax_wt=28.6	Tmax_01=27.2
MWMT=34.6	Tmax_sp=39	Tmax_02=30.6
MCMT=19.1	Tmax_sm=33.1	Tmax_03=35.1
TD=15.5	Tmax_at=31	Tmax_04=39.2
MAP=1536	Tmin_wt=11.5	Tmax_05=42.5
AHM=23.5	Tmin_sp=22	Tmax_06=38.3
DD_0=0	Tmin_sm=24.7	Tmax_07=30.9
DD5=7566	Tmin_at=18.3	Tmax_08=30.2
DD_18=72	Tave_wt=20	Tmax_09=31.5
DD18=2936	Tave_sp=30.5	Tmax_10=32.1
NFFD=361	Tave_sm=28.9	Tmax_11=29.5
PAS=0	Tave_at=24.7	Tmax_12=27.9
EMT=5.6	PPT_wt=41	Tmin_01=11.1
EXT=44.5	PPT_sp=59	Tmin_02=13
Eref=1917	PPT_sm=1132	Tmin_03=17.3
CMD=1149	PPT_at=305	Tmin_04=22.1
RH=62	DD_0_wt=0	Tmin_05=26.7
	DD_0_sp=0	Tmin_06=26.3
	DD_0_sm=0	Tmin_07=24
	DD_0_at=0	Tmin_08=22.1
	DD_0_wt=0	Tmin_09=20.5
	DD_0_sp=0	Tmin_10=18.9
	DD_0_sm=0	Tmin_11=17.3
	DD_0_at=0	Tmin_12=15.7

Append to Count Save Clear

Mean annual temperature Tree species Opacity:



MAT_1961-1990: -16.5 32.5



Append the output to the memory

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Coordinates Input (click on the map or type in coordinates)

Latitude Longitude

Elev (m) Historical

Future

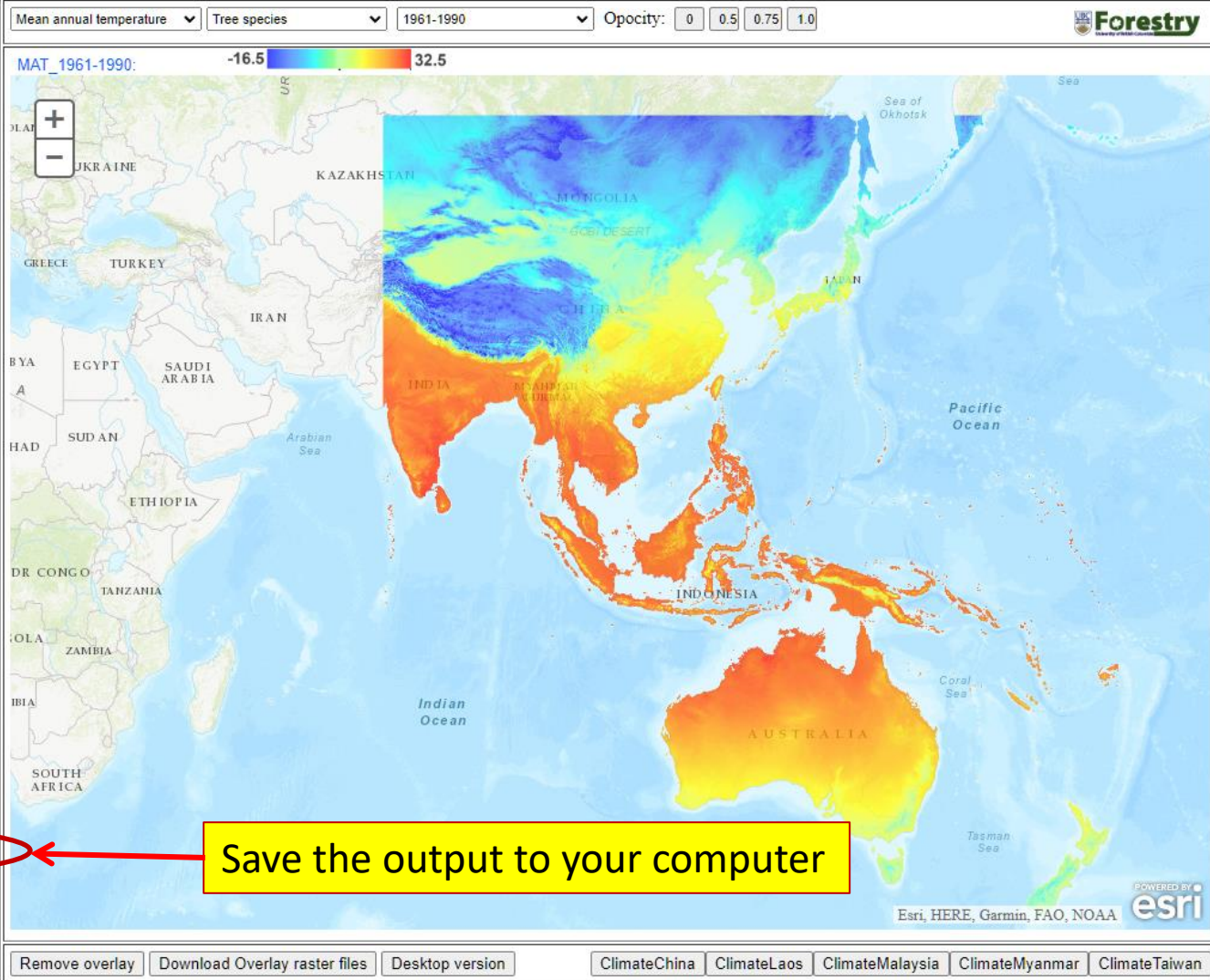
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Annual Variables Seasonal Variables Monthly Variables

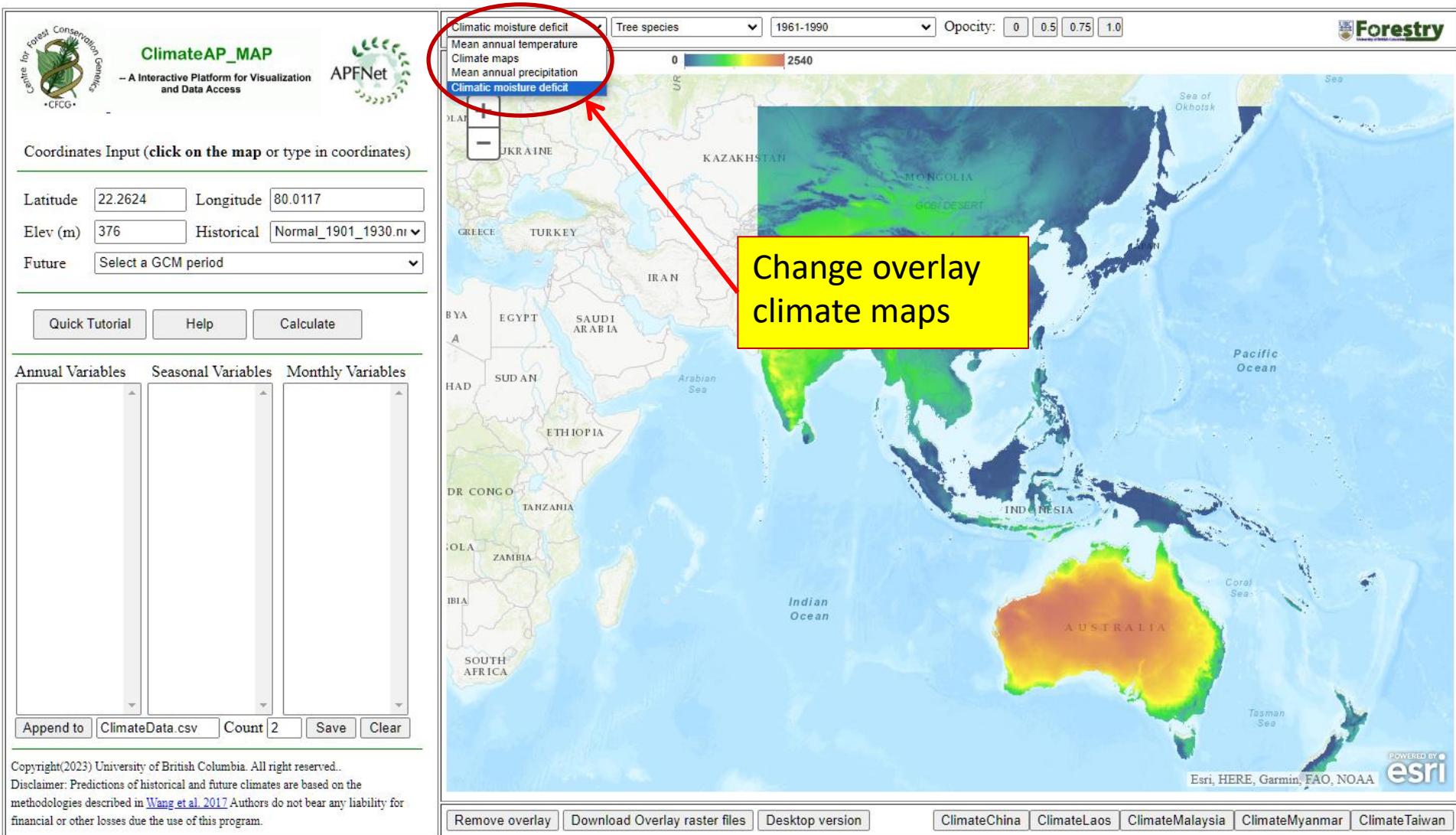
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Save the output to your computer



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Coordinates Input (click on the map or type in coordinates)

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Climate maps

Chinese fir

1961-1990

Opacity:

0

0.5

0.75

1.0

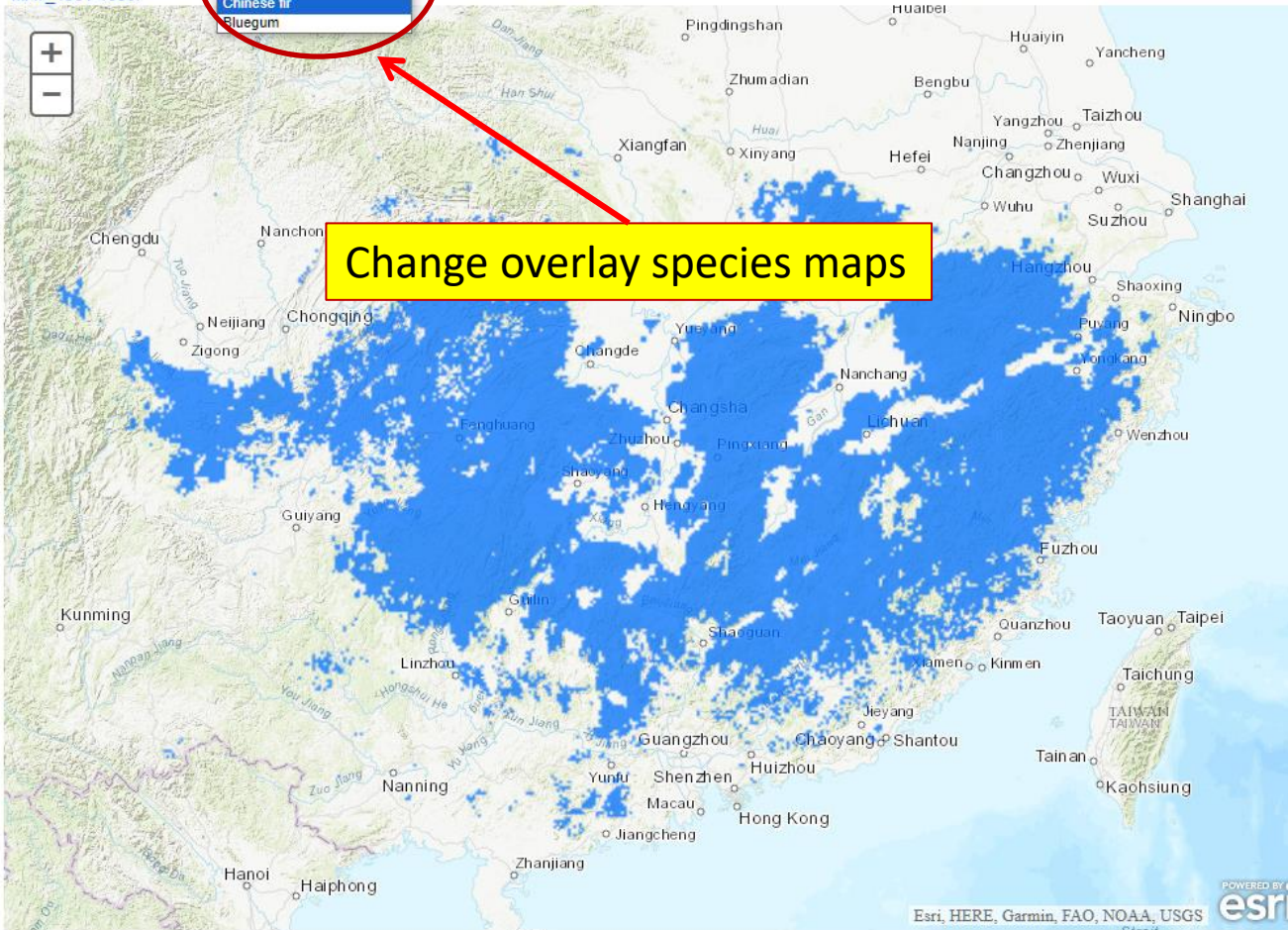


MAT_1961-1990:



Tree species
Chinese pine
Chinese fir
Bluegum

Change overlay species maps



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Latitude Longitude

Elev (m) Historical

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Climate maps

Chinese fir

SSP245_2071-2100

Opacity: 0 0.5 0.75 1.0

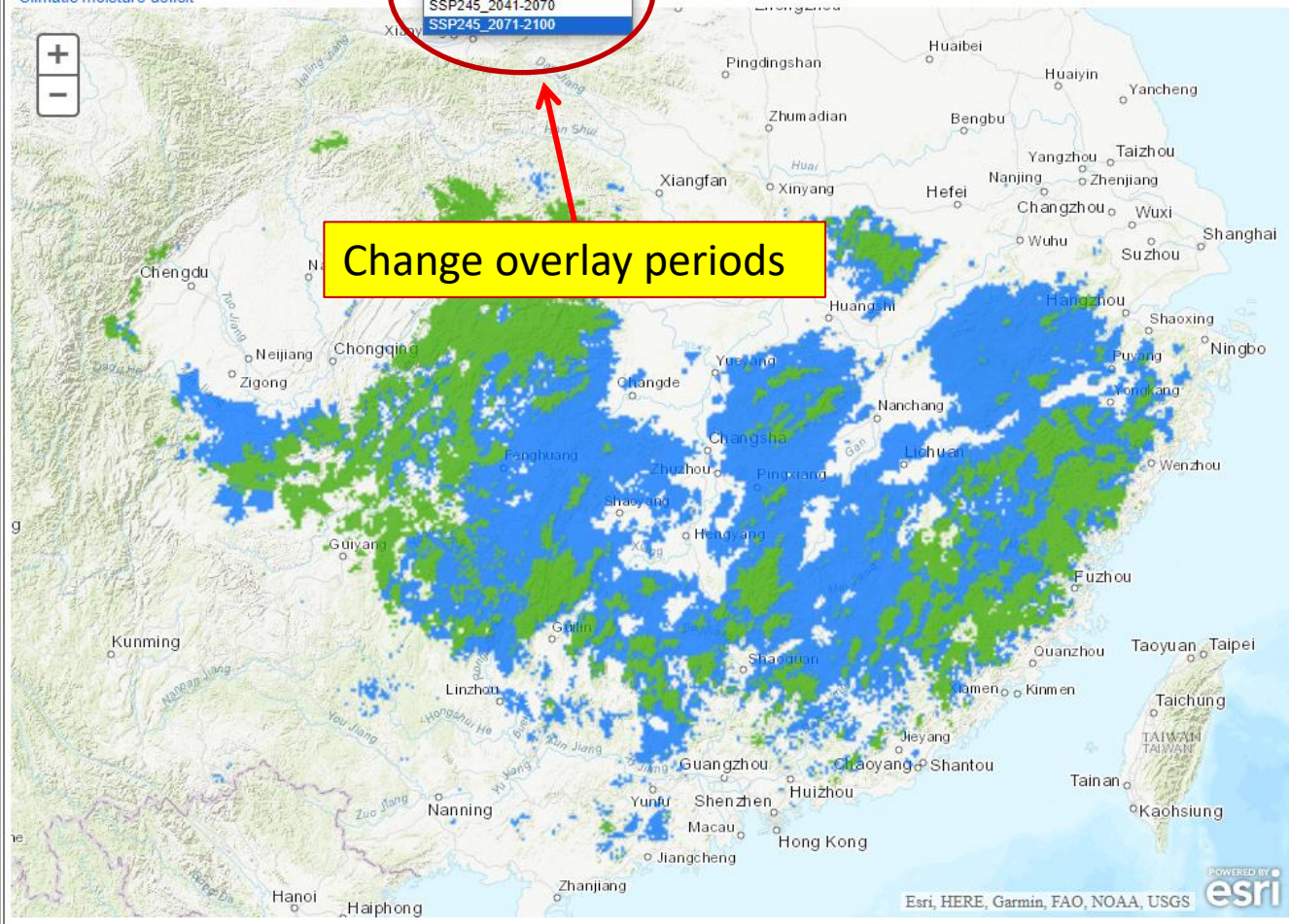
Climatic moisture deficit

Current

- 1961-1990
- SSP245_2011-2040
- SSP245_2041-2070
- SSP245_2071-2100



Change overlay periods



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Coordinates Input (click on the map or type in coordinates)

Latitude Longitude

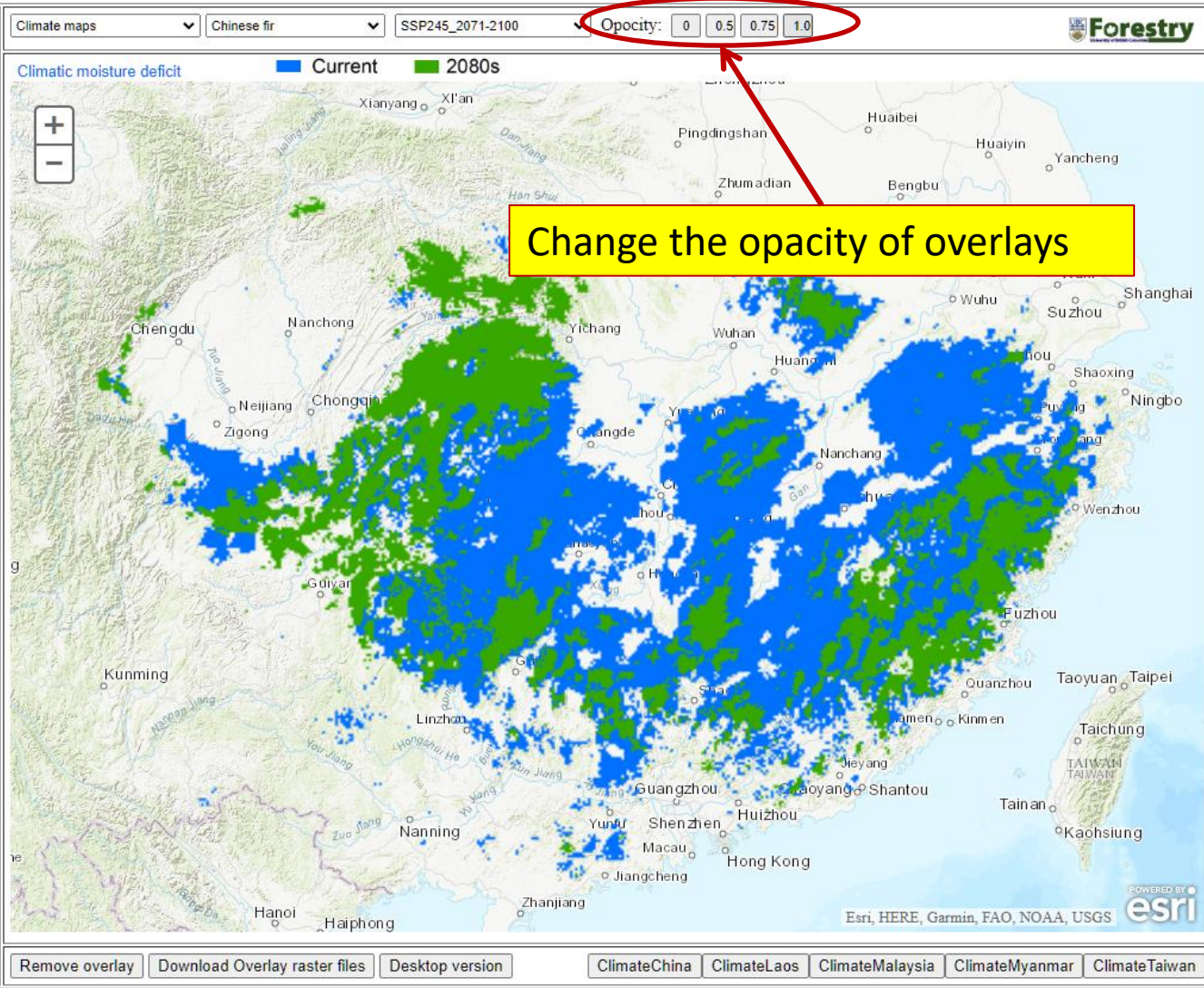
Elev (m) Historical

Future

Annual Variables Seasonal Variables Monthly Variables

Count

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Coordinates Input (click on the map or type in coordinates)

Latitude Longitude

Elev (m) Historical Future

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Annual Variables Seasonal Variables Monthly Variables

MAT=13	Tmax_wt=6.1	Tmax_01=5
MVMT=23.5	Tmax_sp=17.3	Tmax_02=6
MCMT=1.7	Tmax_sm=27.6	Tmax_03=10.9
TD=21.8	Tmax_at=18.5	Tmax_04=18.5
MAP=1590	Tmin_wt=-0.6	Tmax_05=22.6
AHM=14.5	Tmin_sp=7.9	Tmax_06=25.8
DD_0=36	Tmin_sm=17.5	Tmax_07=28.2
DD5=3193	Tmin_at=9.7	Tmax_08=28.9
DD_18=2339	Tave_wt=2.7	Tmax_09=24
DD18=524	Tave_sp=12.6	Tmax_10=19
NFFD=297	Tave_sm=22.6	Tmax_11=12.4
PAS=58	Tave_at=14.1	Tmax_12=7.3
EMT=-9	PPT_wt=94	Tmin_01=-1.6
EXT=34.6	PPT_sp=420	Tmin_02=-0.6
Eref=1063	PPT_sm=754	Tmin_03=3.1
CMD=8	PPT_at=322	Tmin_04=8.1
RH=72	DD_0_wt=32	Tmin_05=12.5
	DD_0_sp=2	Tmin_06=15.8
	DD_0_sm=0	Tmin_07=18.7
	DD_0_at=3	Tmin_08=18.4

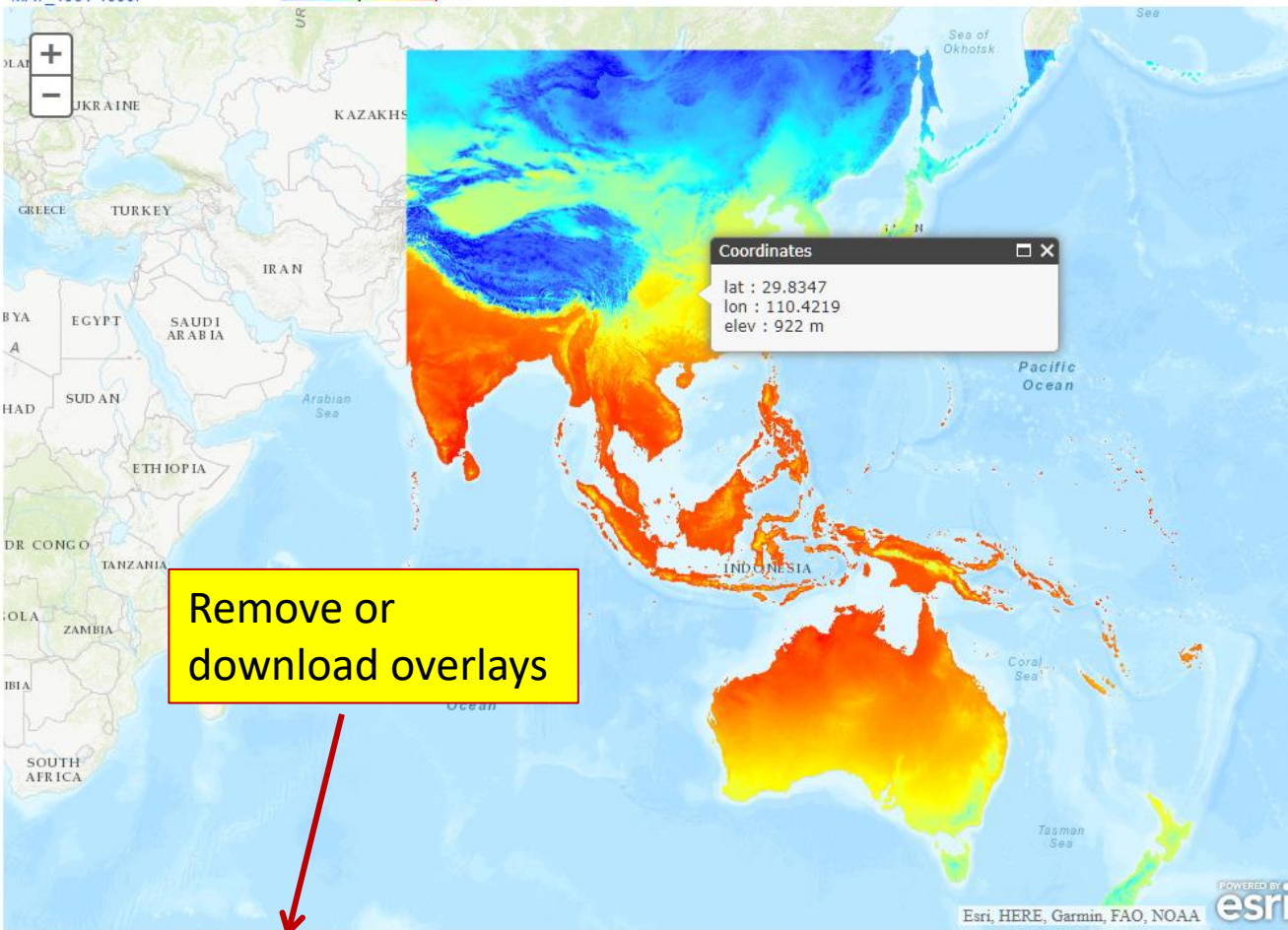
Append to Count Save Clear

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Mean annual temperature Tree species 1961-1990 Opacity:



MAT_1961-1990: -16.5 32.5



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Latitude Longitude

Elev (m) Historical

Future

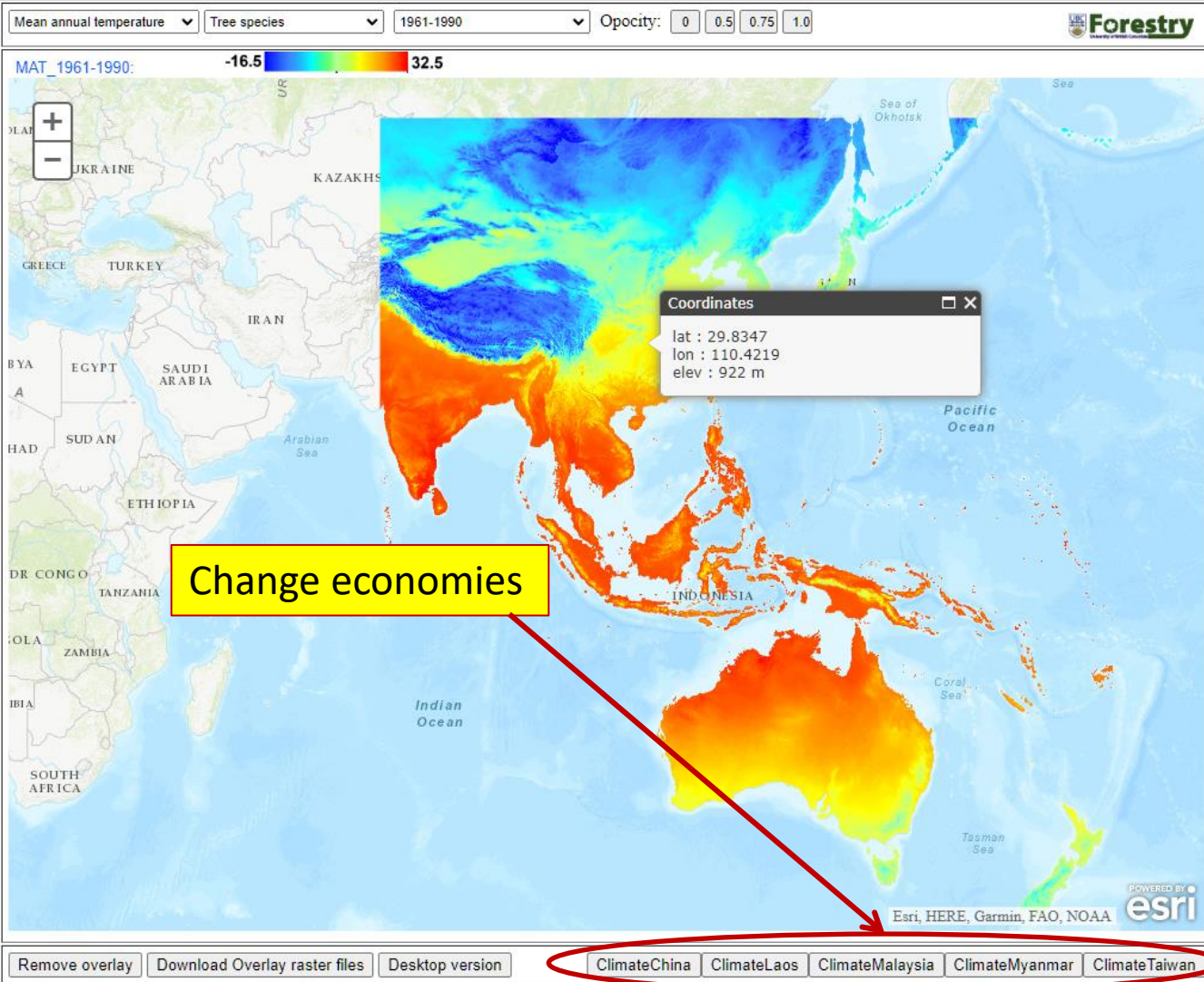
[Quick Tutorial](#) [Help](#) [Calculate](#)

Annual Variables	Seasonal Variables	Monthly Variables
MAT=13	Tmax_wt=6.1	Tmax_01=5
MVMT=23.5	Tmax_sp=17.3	Tmax_02=6
MCMT=1.7	Tmax_sm=27.6	Tmax_03=10.9
TD=21.8	Tmax_at=18.5	Tmax_04=18.5
MAP=1590	Tmin_wt=-0.6	Tmax_05=22.6
AHM=14.5	Tmin_sp=7.9	Tmax_06=25.8
DD_0=36	Tmin_sm=17.5	Tmax_07=28.2
DD5=3193	Tmin_at=9.7	Tmax_08=28.9
DD_18=2339	Tave_wt=2.7	Tmax_09=24
DD18=524	Tave_sp=12.6	Tmax_10=19
NFFD=297	Tave_sm=22.6	Tmax_11=12.4
PAS=58	Tave_at=14.1	Tmax_12=7.3
EMT=-9	PPT_wt=94	Tmin_01=-1.6
EXT=34.6	PPT_sp=420	Tmin_02=-0.6
Eref=1063	PPT_sm=754	Tmin_03=3.1
CMD=8	PPT_at=322	Tmin_04=8.1
RH=72	DD_0_wt=32	Tmin_05=12.5
	DD_0_sp=2	Tmin_06=15.8
	DD_0_sm=0	Tmin_07=18.7
	DD_0_at=3	Tmin_08=18.4

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More will be coming ...

- This map-based website will serve as a platform to host spatial data from our climate change studies for interactive and easy access.
- Your comments and suggestions are welcome.

Thank you for using ClimateAP_Map