Changement climatique et émissions de CO2: quel role pour la foret suisse?

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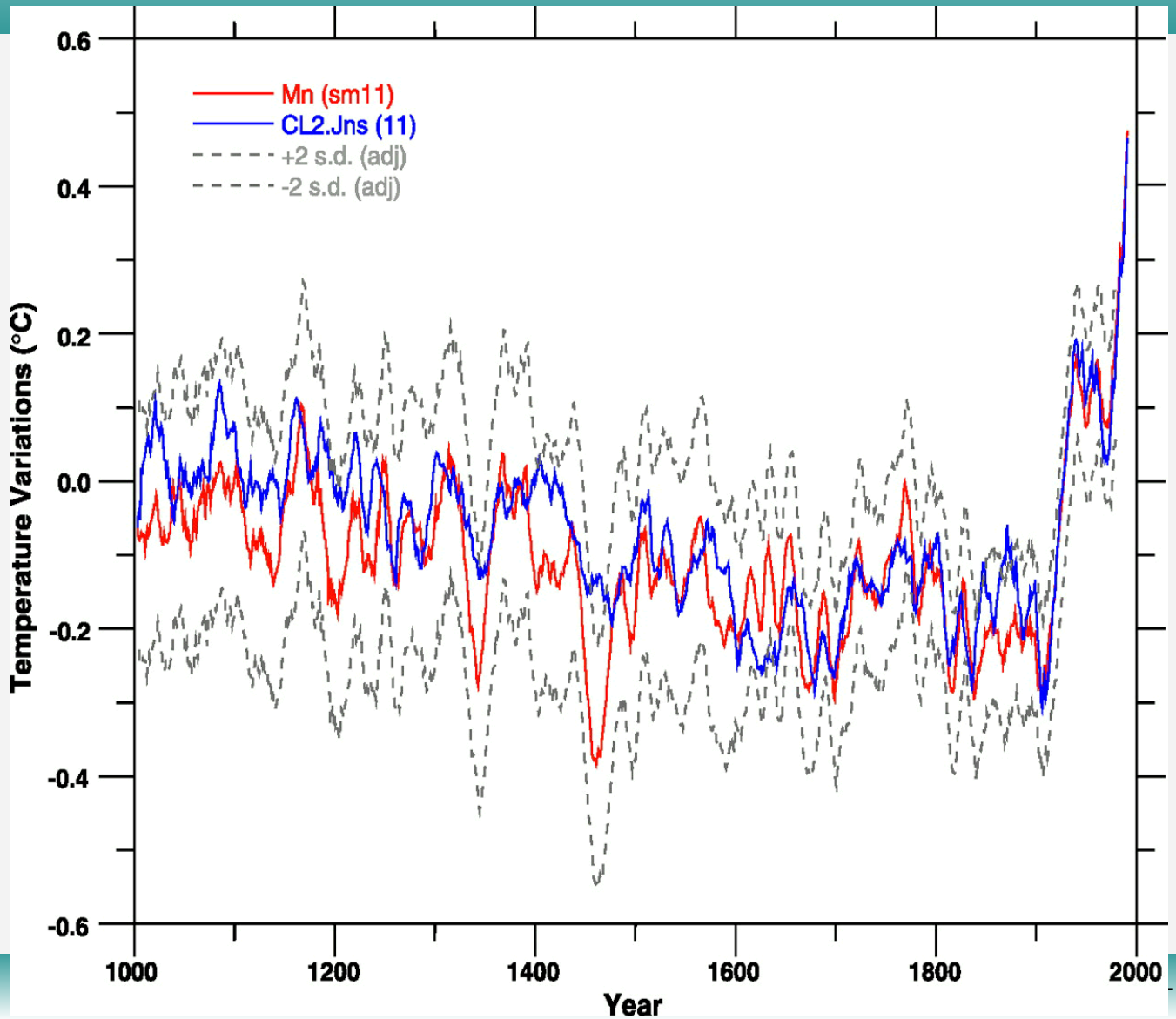
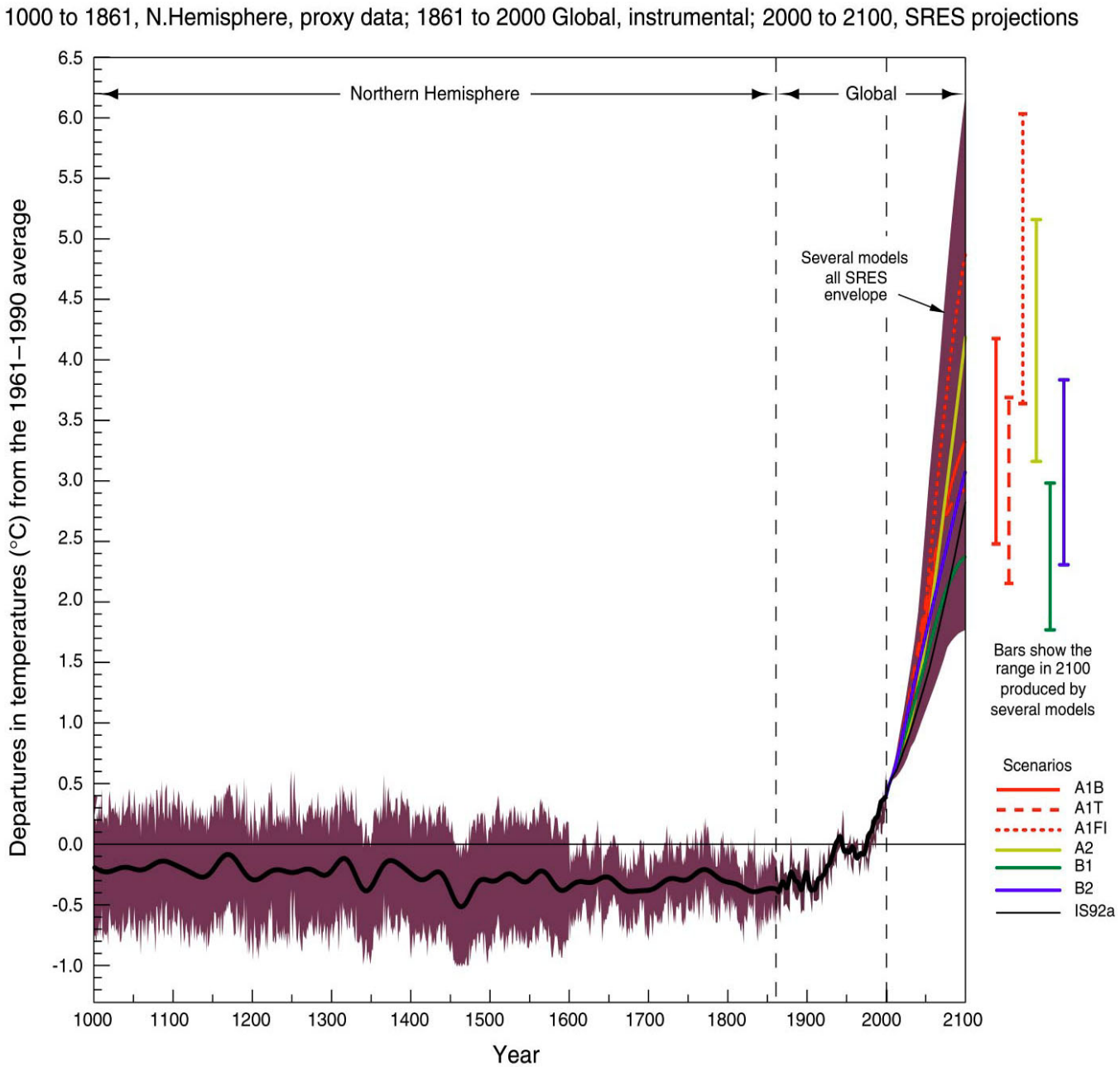
Changement climatique et émissions de CO2: quel role pour la foret suisse?

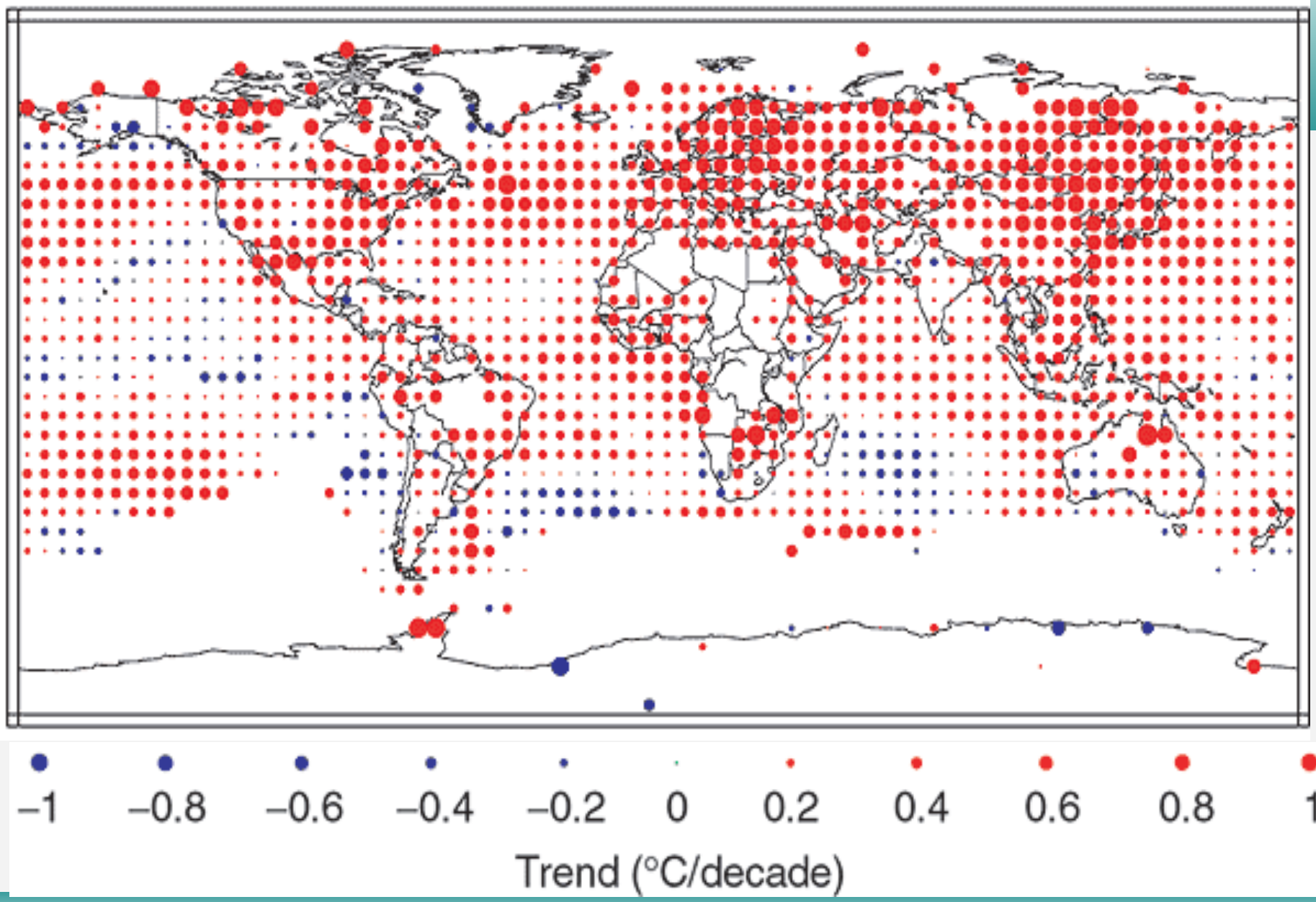
- Le climat global et régional:
  - Quels changements?
  - Quelles conséquences?
- Les sources des gaz à effet de serre
  - Dans le monde
  - En Suisse
- Quel role pour la foret suisse?

Reconstruction des températures de l'hémisphère Nord

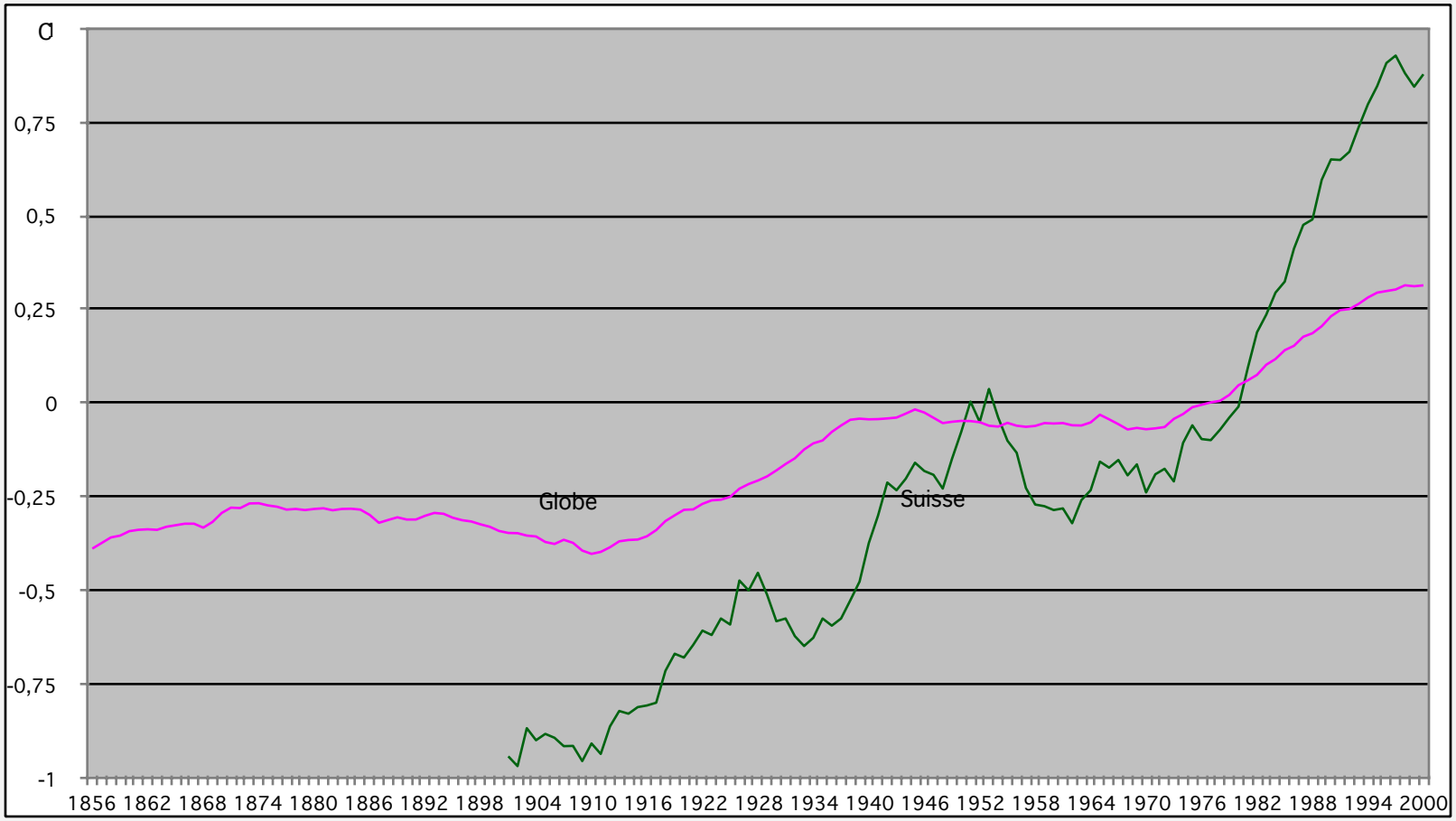



1000 to 1861, N.Hemisphere, proxy data; 1861 to 2000 Global, instrumental; 2000 to 2100, SRES projections
Northern Hemisphere
Global
Several models all SRES envelope
Bars show the range in 2100 produced by several models
Scenarios
A1B
A1T
A1FI
A2
B1
B2
IS92a
Departures in temperatures (°C) from the 1961–1990 average
Year
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100

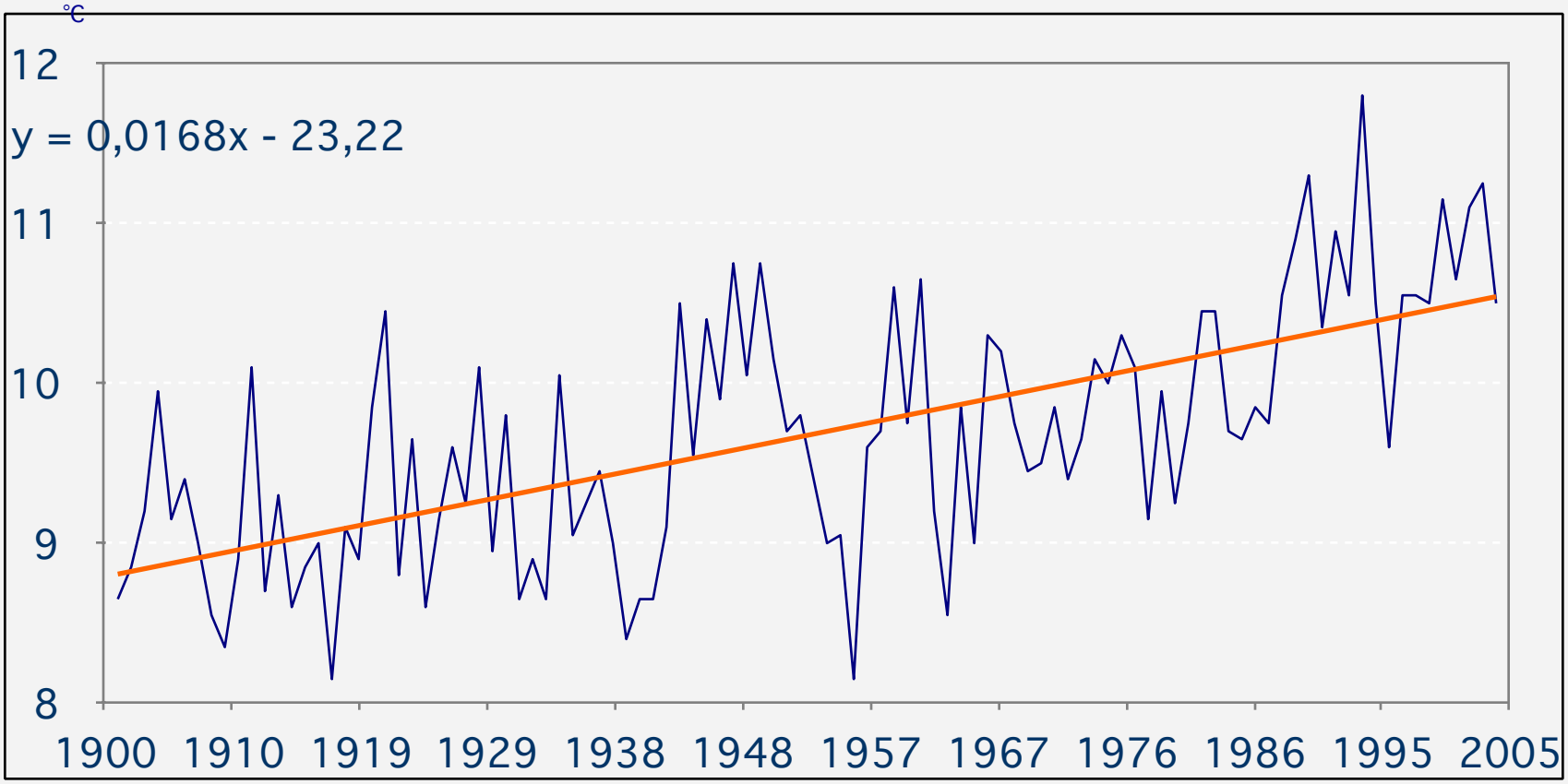
(d) Annual temperature trends, 1976 to 2000



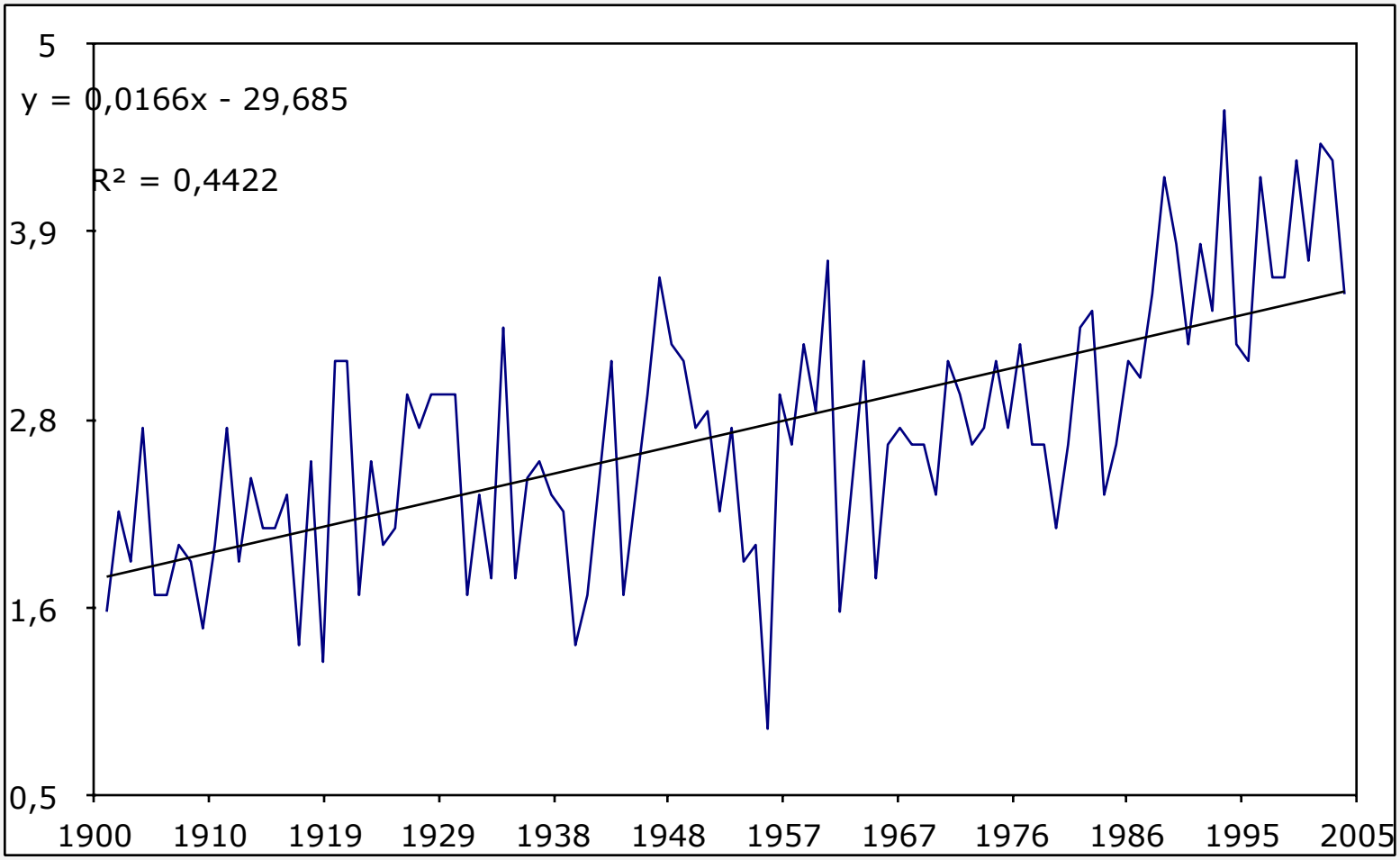
Températures suisses et globales



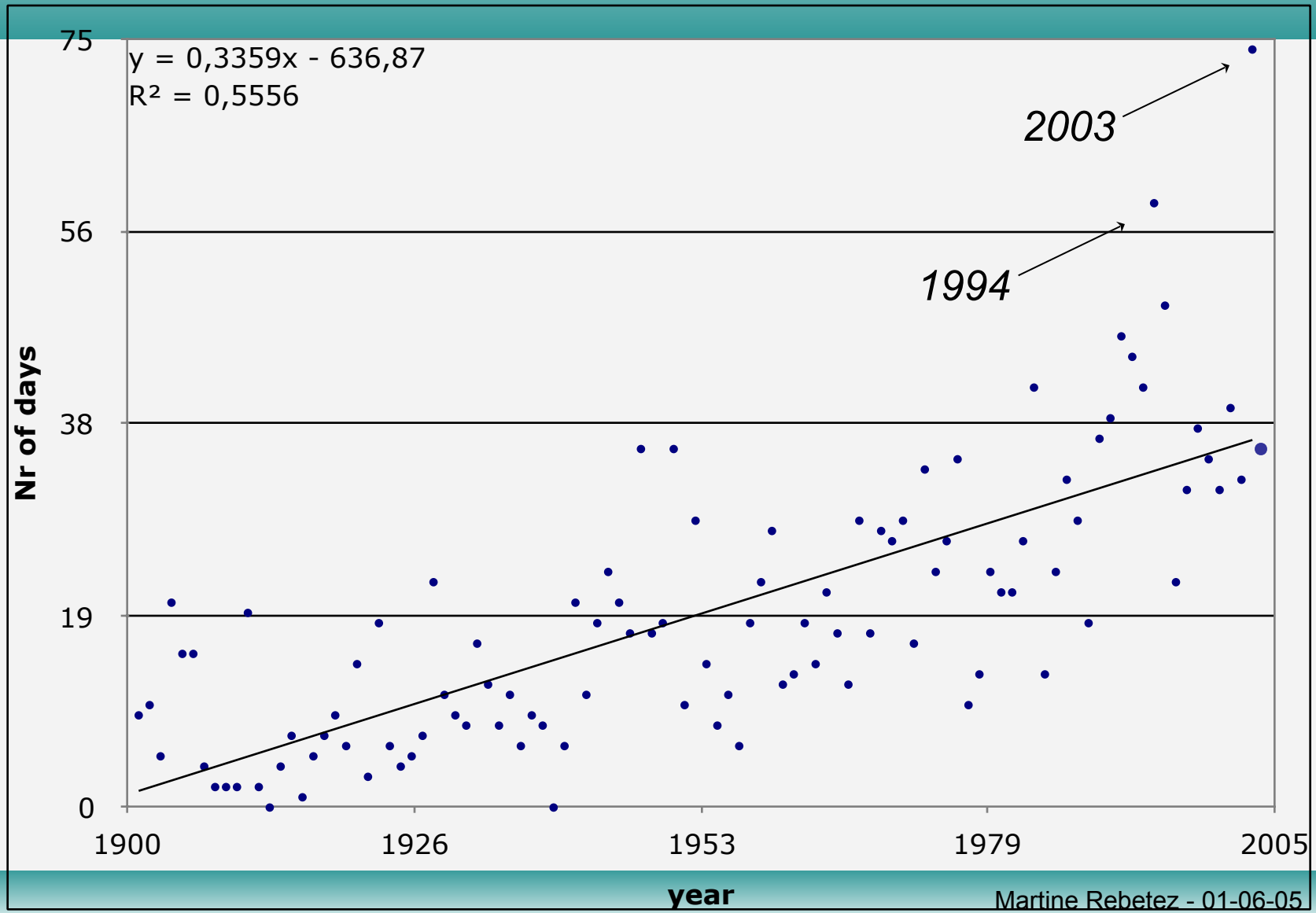
Neuchâtel: températures moyennes (min+max)



Davos: températures moyennes (homogènes)

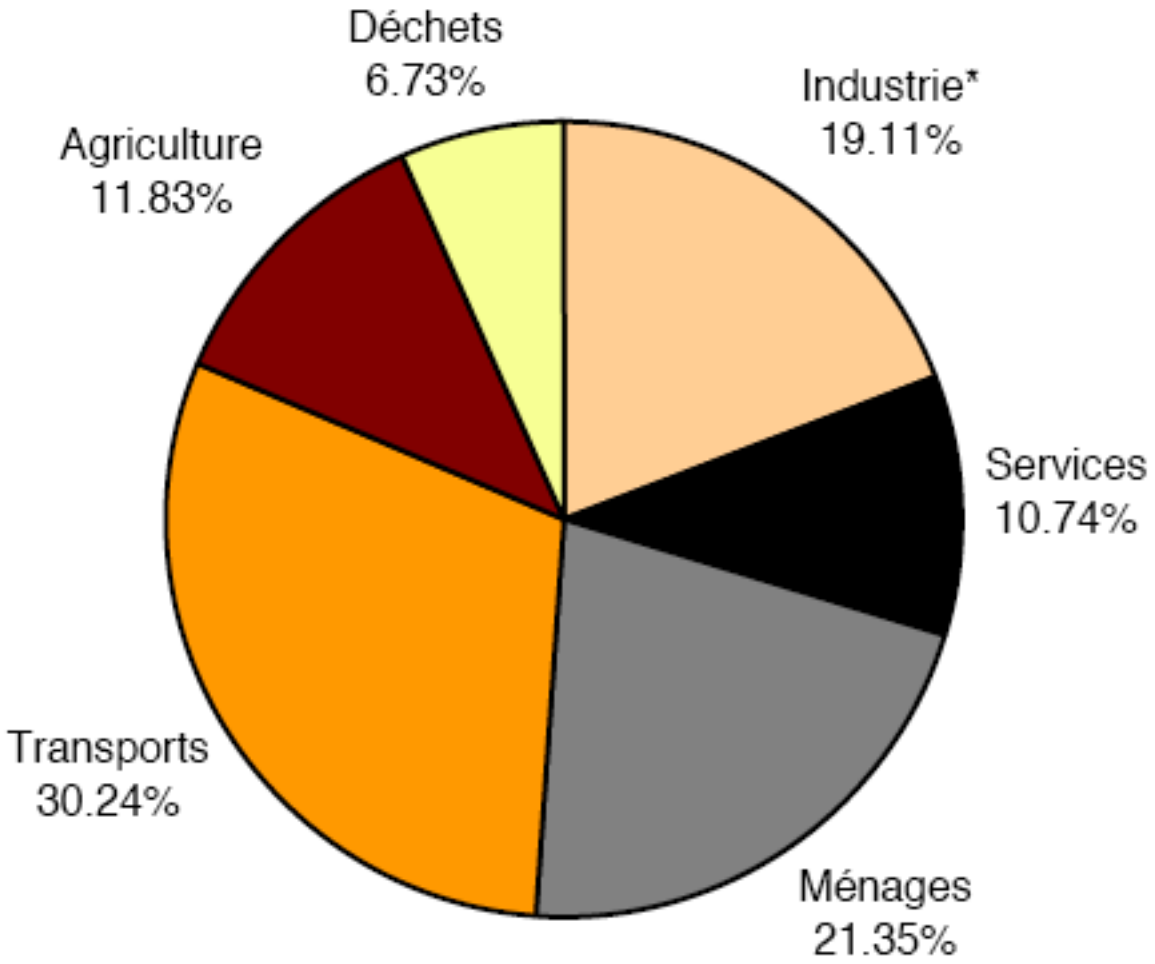


Neuchâtel: nombre de jours très chauds juin - août (Tmin perc. 95, >15.4°C)



Sources des gaz à effet de serre en Suisse
(BUWAL)

Année 2002



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