



Võrtsjärv

R. Narva

3555 km²
mean depth 7.1 m

Peipsi

Emajõgi

270 km²
2.8 m

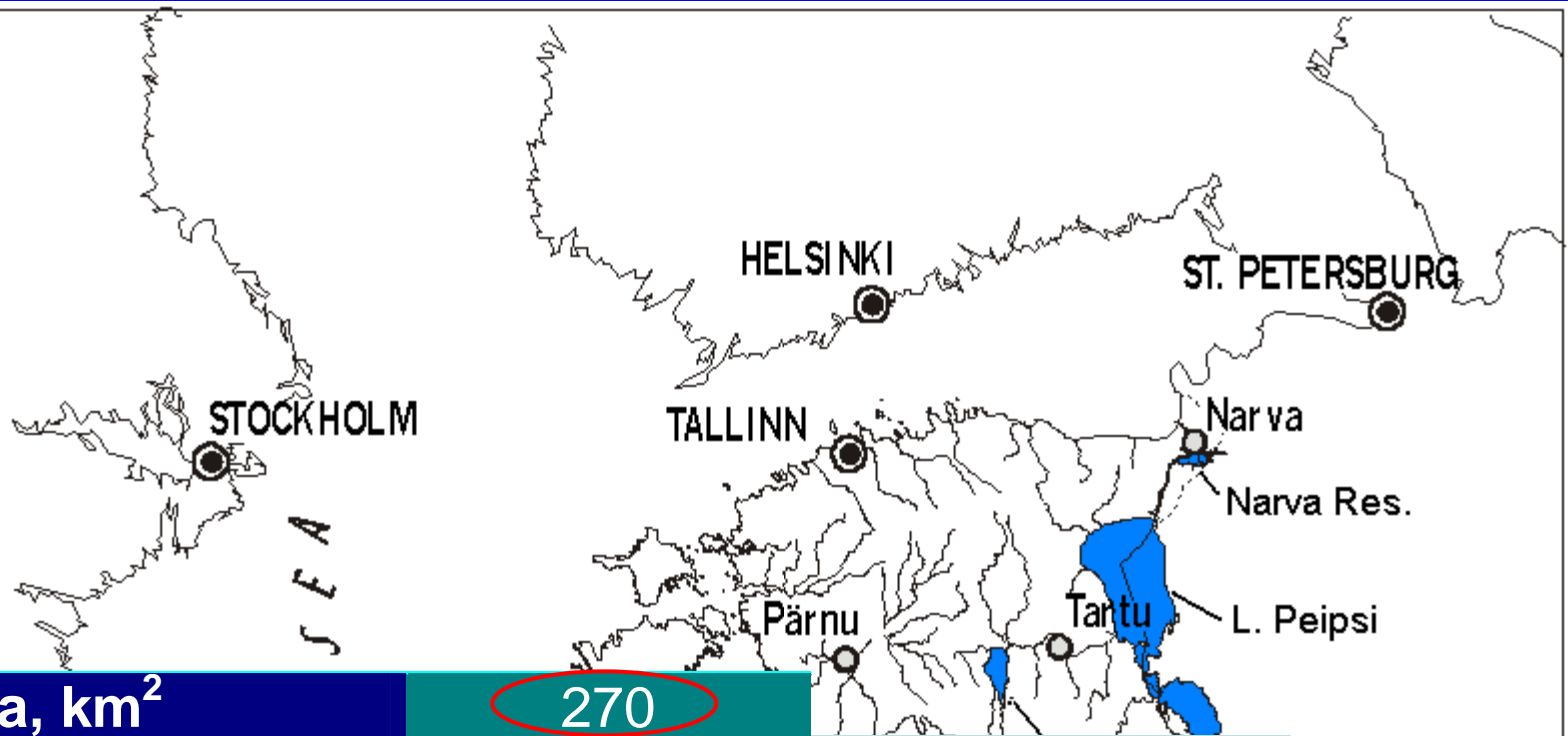
Võrtsjärv



Centre for Limnology
Established 1954

Beginning of contemporary
Võrtsjärv goes back about
7500 years when outflow
from Võrtsjärv developed
towards Peipsi.



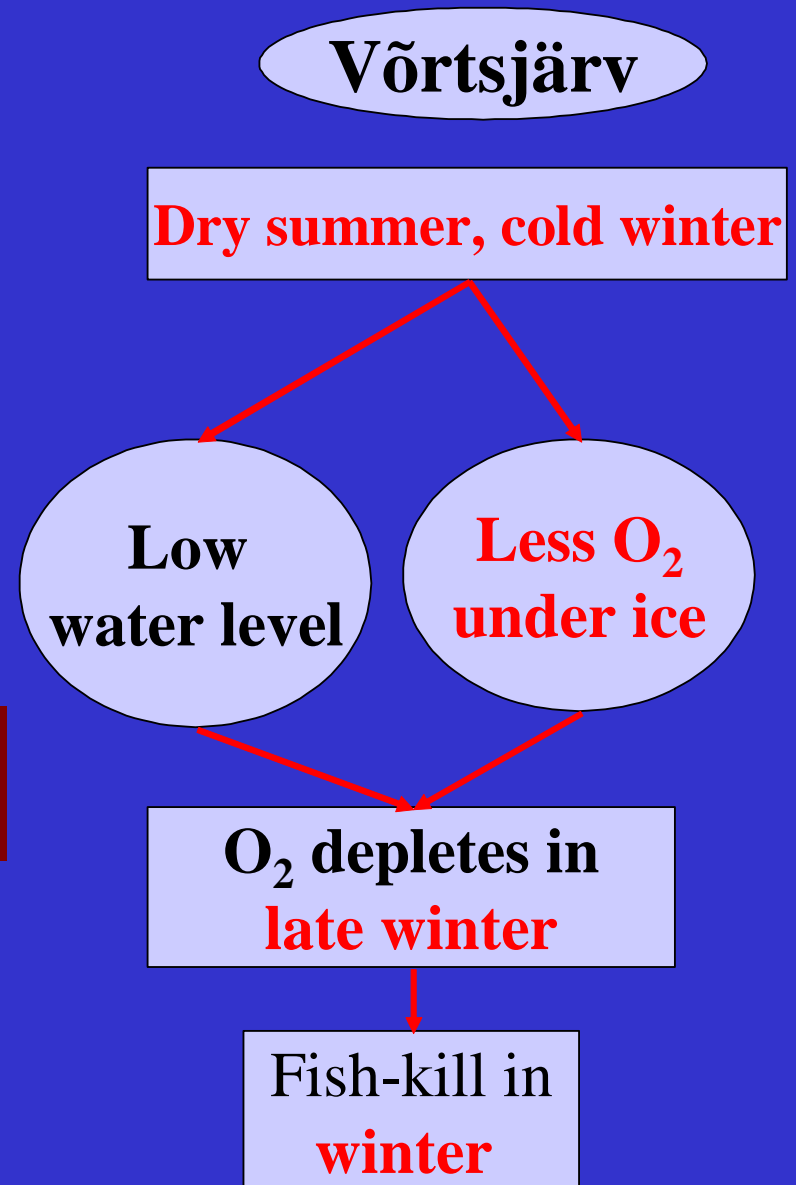
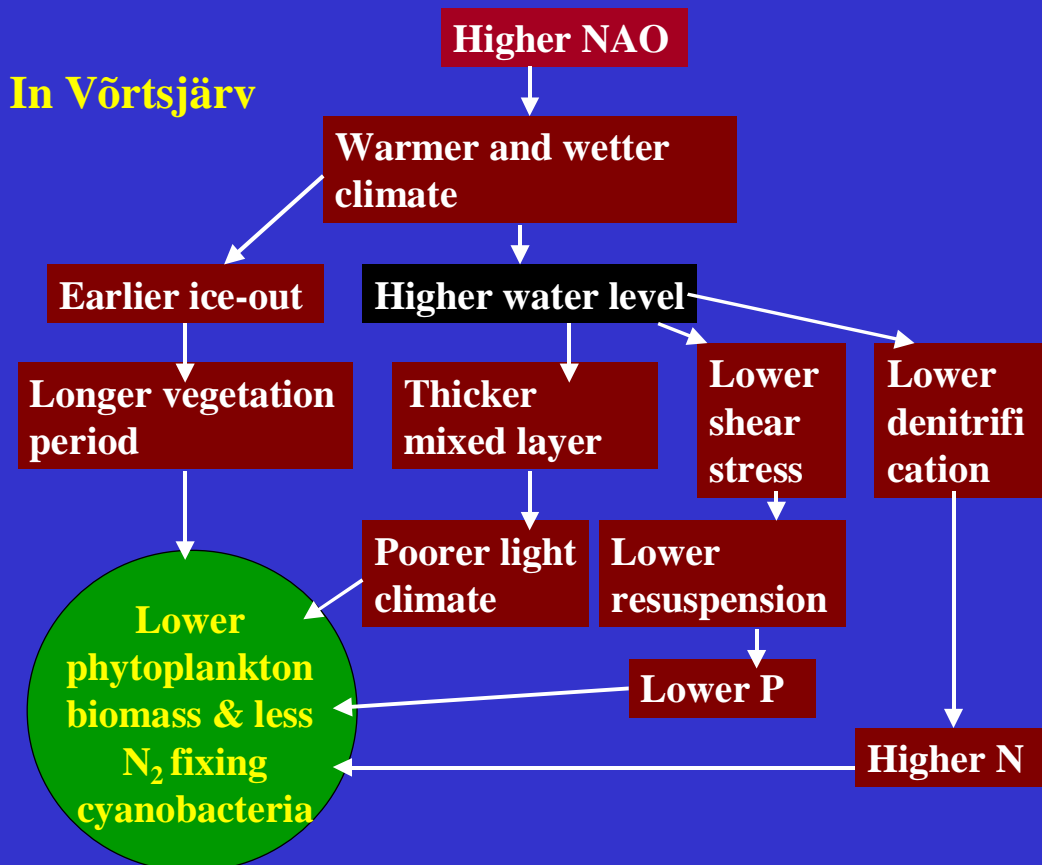


Area, km ²	270
Watershed, km ³	3,374
Mean depth, m	2.8
Max depth, m	6
Mean Secchi, m	<1
Mean TP, µg/l	50
Mean TN, mg/l	2
Mean Chl, ug/l	25

L. Võrtsjärv

continuous monthly
data series since
1964

Võrtsjärv is light-limited and largely controlled by water level fluctuations



Vörtsjärv at high (1999) and low (1996) water level



By changing water
level in L. Vörtsjärv
water mass can
change **by 3 times**
average depth can
change **by 2.4 times**

Water environment monitoring



FIGURE II. Hydrological, meteorological and chemical monitoring network on the Lake Võrtsjärv drainage basin.