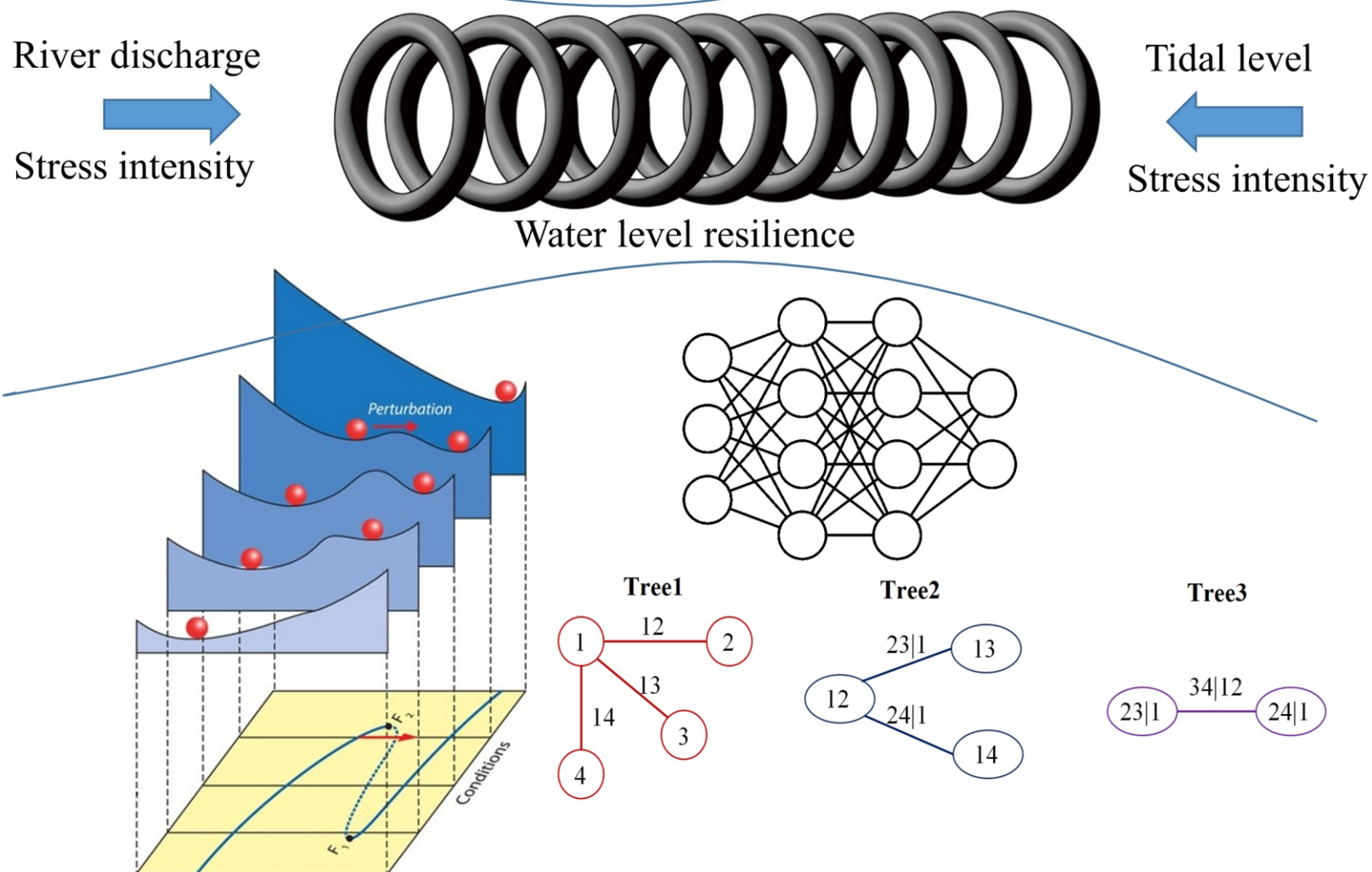a

Deltaic dynamic system resilience

River discharge → Water level resilience ← Tidal level

Stress intensity   Stress intensity

Perturbation

Conditions

Tree1
1 —12— 2
13
14
3
4

Tree2
23|1 — 13
12
24|1 — 14

Tree3
23|1 —34|12— 24|1

b

112.5°E   113°E   113.5°E   114°E

SJ
Beijiang River
Xijiang River   SS
GY   MK   Guangzhou   Dongjiang River
Foshan   FBC   HP
ZD   DS   Dongguan
SD   LS
SSJ   SSK   SSW
GZ   RQ   BSW
VH   NS
MA   8
Jiangmen   HM   7
Zhongshan   6
5   Lingding Bay   CW   Shenzhen
SJK   ZY   Zhuhai   Hongkong
HS
GC   BJ   DLS
1   2   HJ
Huangmaohai   Macao
3   4
South China Sea

Elevation (m)
-5
-15
-25
-35
-45
-55
-65

1 Yamen
2 Hutiaomen
3 Jitimen
4 Modaomen
5 Hengmen
6 Hongqili
7 Jiaomen
8 Humen

1#Subsystem
2#Subsystem
3#Subsystem
4#Subsystem
5#Subsystem

◆ City
★ Tidal gauging stations
▼ Hydrological stations

N
0 20 40km

23°N
22.5°N
22°N