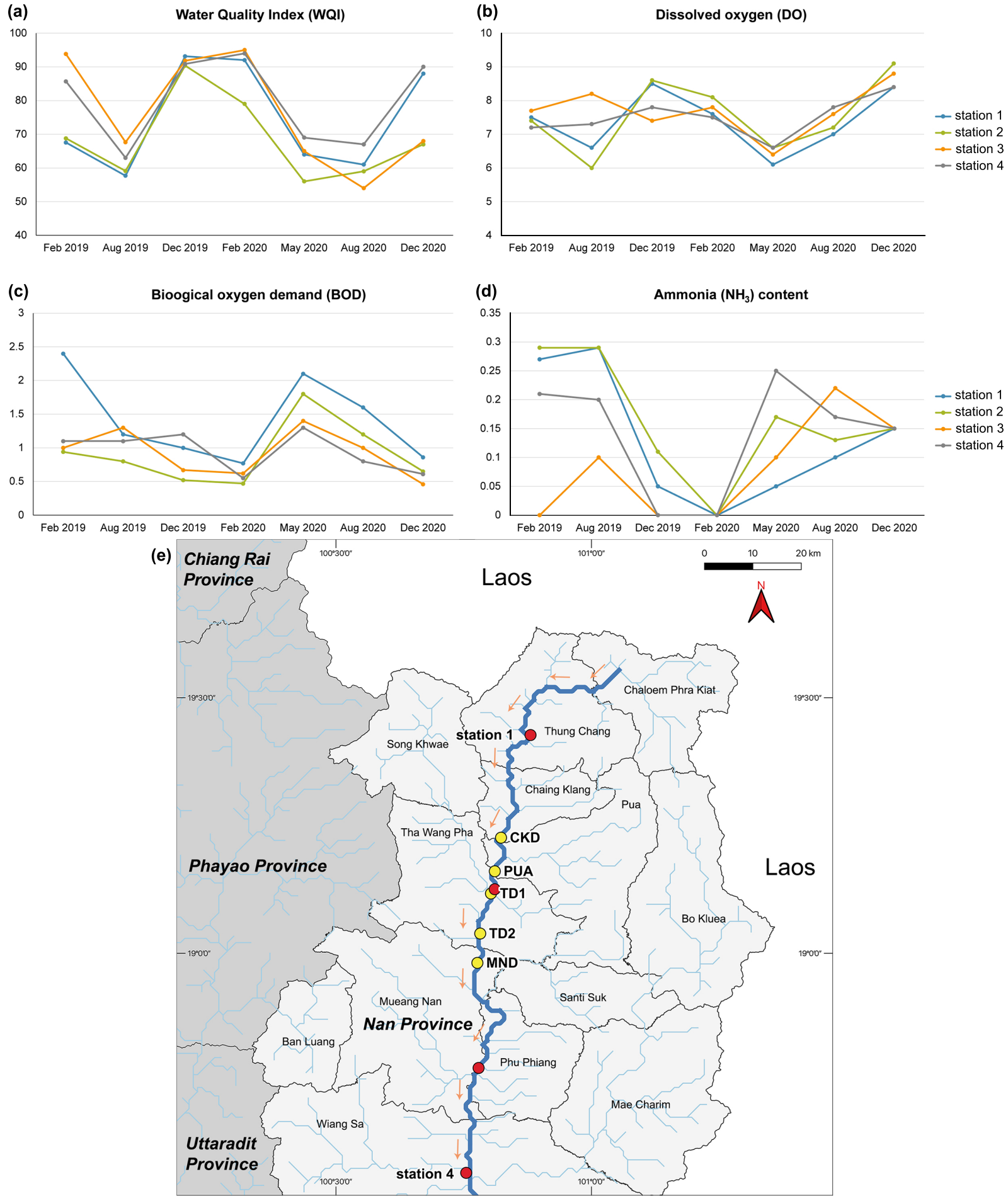

(a)
Water Quality Index (WQI)
100
90
80
70
60
50
40
Feb 2019
Aug 2019
Dec 2019
Feb 2020
May 2020
Aug 2020
Dec 2020
(b)
Dissolved oxygen (DO)
10
9
8
7
6
5
4
station 1
station 2
station 3
station 4
(c)
Bioogical oxygen demand (BOD)
3
2.5
2
1.5
1
0.5
0
(d)
Ammonia (NH3) content
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
(e)
Chiang Rai Province
Laos
100°30'0"
101°0'0"
0
10
20 km
N
19°30'0"
19°0'0"
Chaloem Phra Kiat
Thung Chang
station 1
Song Khwae
Chaing Klang
Pua
Tha Wang Pha
CKD
Phayao Province
PUA
TD1
TD2
MND
Bo Kluea
Santi Suk
Mueang Nan
Nan Province
Ban Luang
Phu Phiang
Mae Charim
Wiang Sa
Uttaradit Province
station 4