

Trophic index

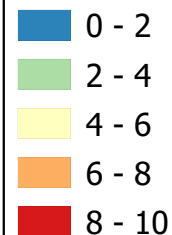
CO₂

CH₄

N₂O

Dry season

TRIX index



Urban area

GHGs concentration
in canals

CO₂ $\mu\text{gC L}^{-1}$
4,600

GHGs fluxes
(i) 45.0
($\text{gCO}_2 \text{ m}^{-2}\text{d}^{-1}$)

(ii) 28.9

(iii) 11.2

CH₄ $\mu\text{gC L}^{-1}$
4

(i) 8.6
($\text{mgCH}_4 \text{ m}^{-2}\text{d}^{-1}$)

(ii) 7.5

(iii) 4.93

N₂O $\mu\text{gN L}^{-1}$
32

(i) 27.6
($\text{mgN}_2\text{O m}^{-2}\text{d}^{-1}$)

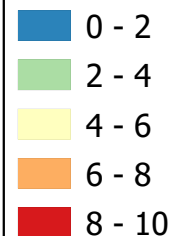
(ii) 89.3

(iii) 5.2

0 10 km

Rainy season

TRIX index



Urban area

CO₂ $\mu\text{gC L}^{-1}$
4,600

(i) 36.4
($\text{gCO}_2 \text{ m}^{-2}\text{d}^{-1}$)

(ii) 42.2

(iii) 27.4

CH₄ $\mu\text{gC L}^{-1}$
120

(i) 8.7
($\text{mgCH}_4 \text{ m}^{-2}\text{d}^{-1}$)

(ii) 121.5

(iii) 7.3

N₂O $\mu\text{gN L}^{-1}$
3

(i) 22.0
($\text{mgN}_2\text{O m}^{-2}\text{d}^{-1}$)

(ii) 8.3

(iii) 3.6