

The opportunity for small-scale fishers to supply catch for their families, members of their local communities, or sell in local markets.

x_{ao} is the status of the artisanal fishing goal

$$x_{ao} = (1 - D_u) * S_{ao}$$

$$D_u = (1 - PPPpcGDP) * (1 - O_{ao})$$

D_u is the unmet demand

S_{ao} sustainability weighting; 1 if no data or perfectly sustainable

O_{ao} is the access to artisanal-scal fishing, defined by Mora et al. (2009)

$PPPpcGDP$ is ln-transformed rescaled purchasing power parity adjusted per capita GDP