

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 artisinal 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 artisinal-scal fishing, defined by Mora et al. (2009)

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