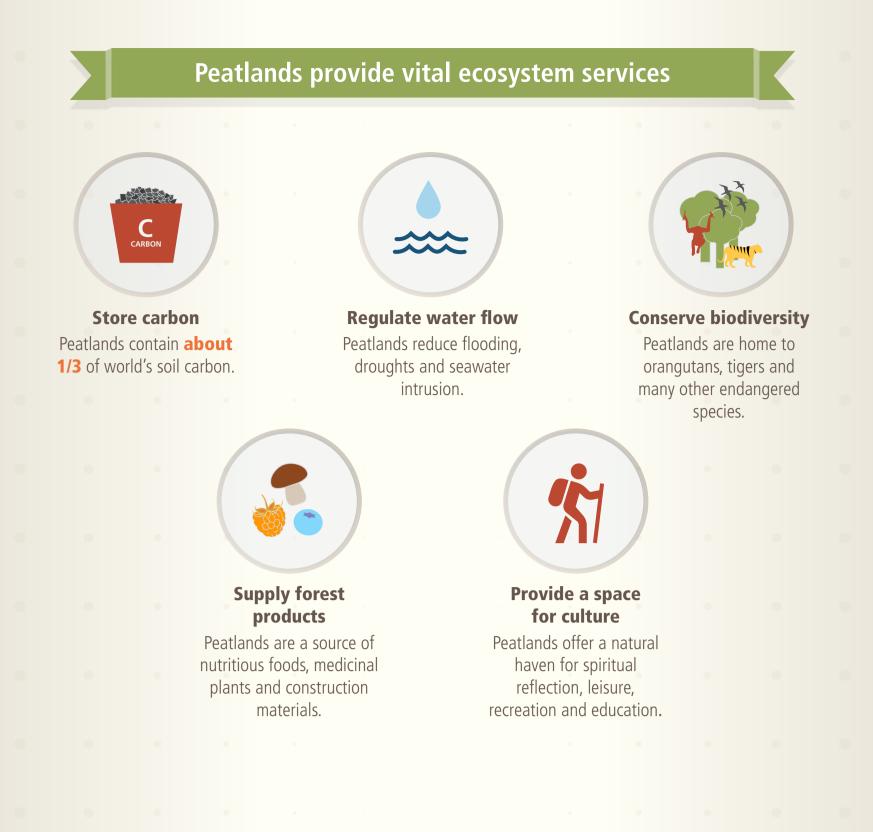
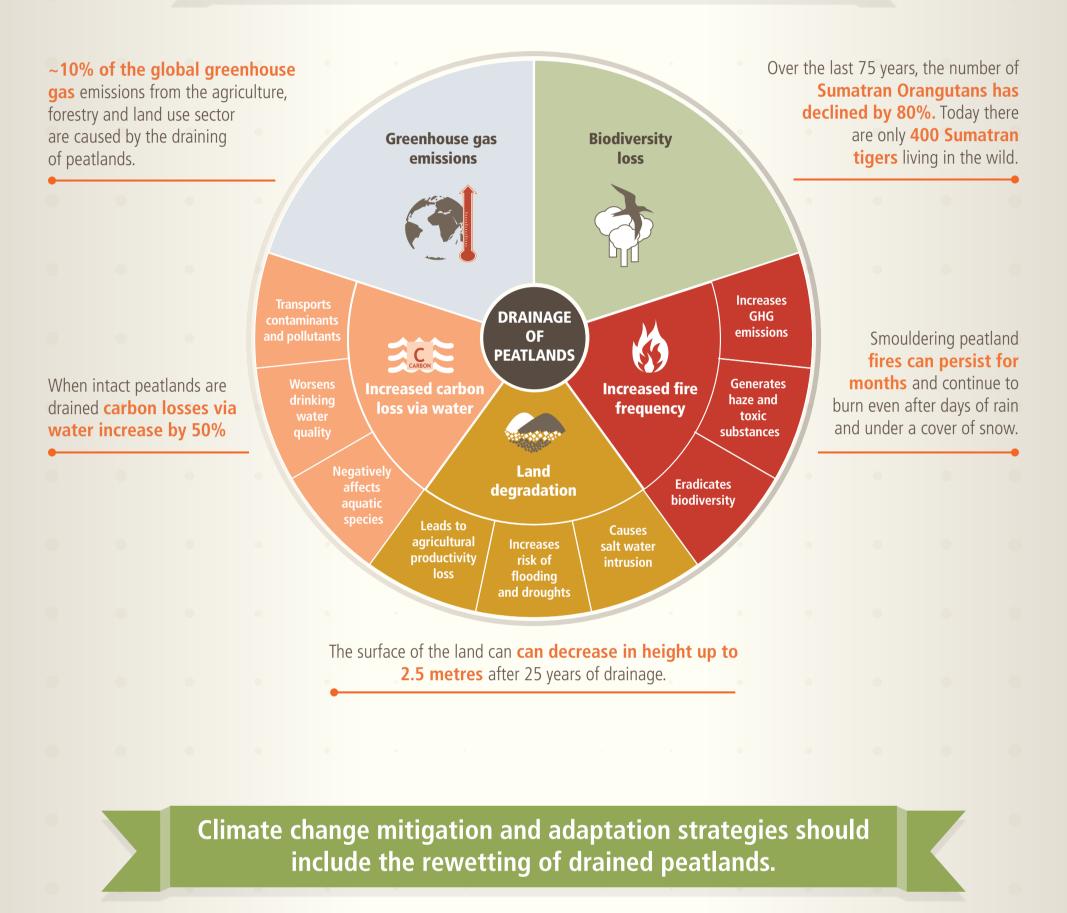
PEATLANDS AND CLIMATE CHANGE



Draining peatlands harms the environment





Responsible management practices apply to both undrained and rewetted peatlands.

Paludiculture, i.e. the cultivation of biomass in wet conditions, is an option for the responsible management of peatlands.

Develop

production lines

adapted to new

types of biomass.

Actions for achieving large-scale paludiculture



Identify suitable (preferably perennial) species, provenances and cultivars.



Adapt laws, rules and regulations to accommodate wet peatland agriculture.



Overcome technical challenges for harvesting on wet and inundated peatlands.



Remove market distortions, such as situations where subsidies are provided for drainage-based peatland agriculture but not for paludicultures.



Improve agricultural consultations for siteadapted peatland use.



Develop incentives, such as payments for ecosystem services, that adequately account for the social and environmental costs and benefits of paludiculture.

Adaptive management avoids over-drainage, soil tillage and the use of fertilizers.

In forestry, a shift towards continuous forest cover and the avoidance of clear-cutting is recommended. On croplands, permanent crops are the preferred agricultural option.

http://fao.org/2/peatlands

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