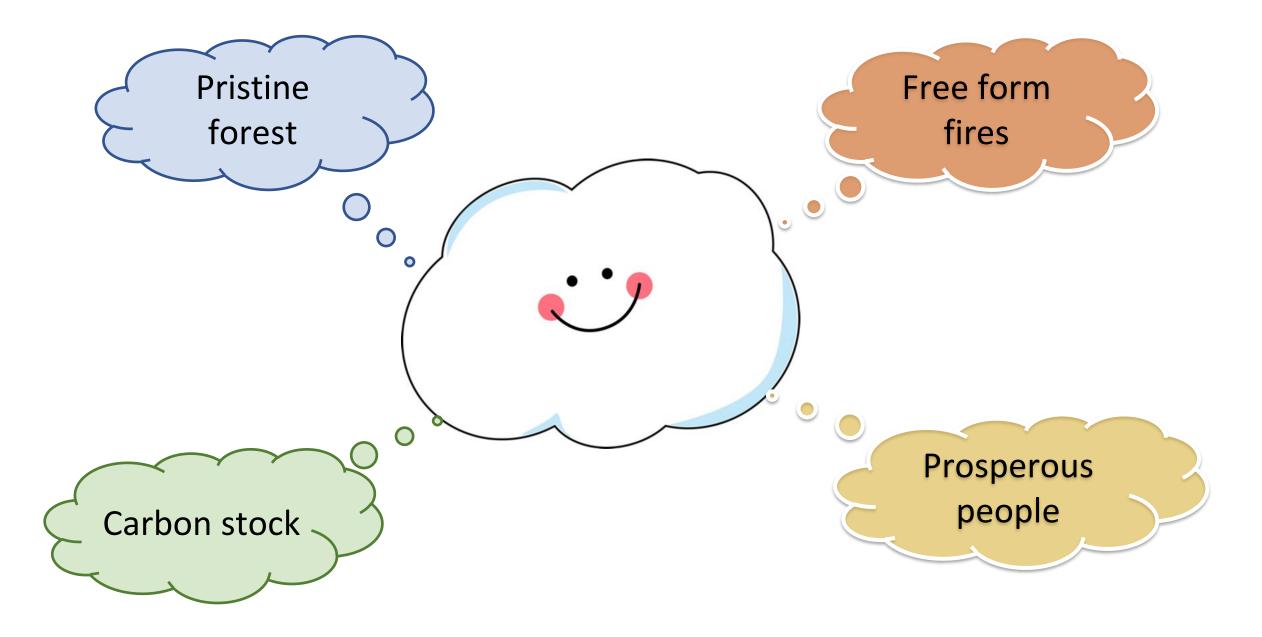
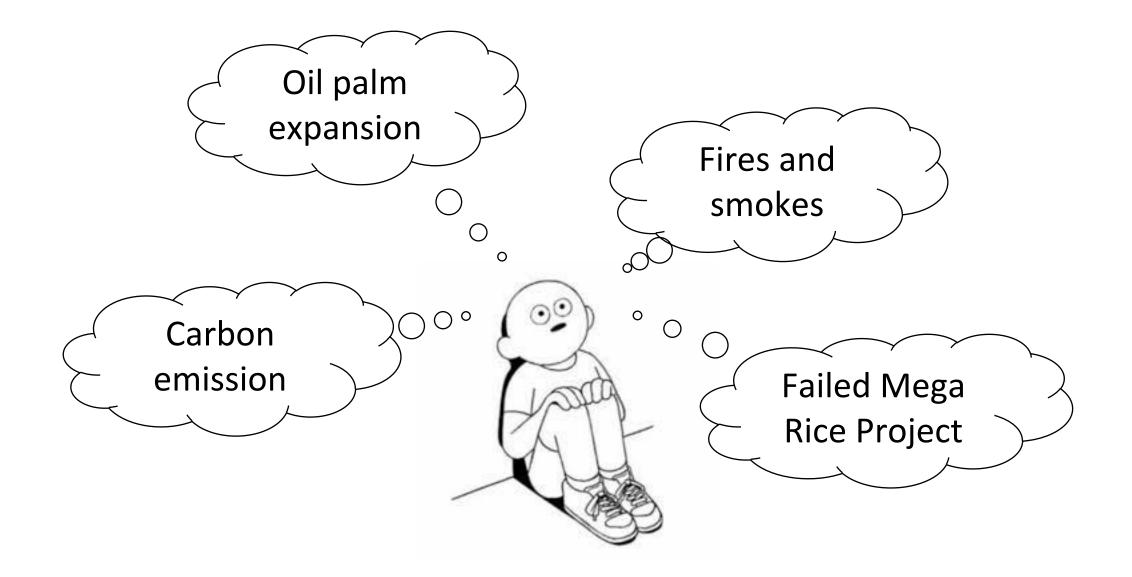
What's on your mind when you hear:

Peatland or "lahan gambut"?





Peatland utilization = negative impact

BNPB



detikNews Kamis, 11 Jun 2020 09:19 WIB

Potret Kebakaran Lahan Gambut di Aceh Barat

'Food Estate' di Kalteng Picu Konflik dan Kerusakan Lingkungan

mediaindonesia.com | Politik dan Hukum

Selasa 11 Agustus 2020, 08:43 WIB

Kebakaran lahan gambut di Aceh Barat, terus meluas. Meluasnya area yang terbakar ini diakibatkan angin kencang disertai suhu udara panas.

Kabut Asap Kian Parah, Malaysia Tutup 145 Sekolah

CNN Indonesia | Selasa, 17/09/2019 10:43 WIB



NEWS 1 tehun lelu

FOTO: Aktivitas Warga Riau Terganggu Akibat Kabut Asap



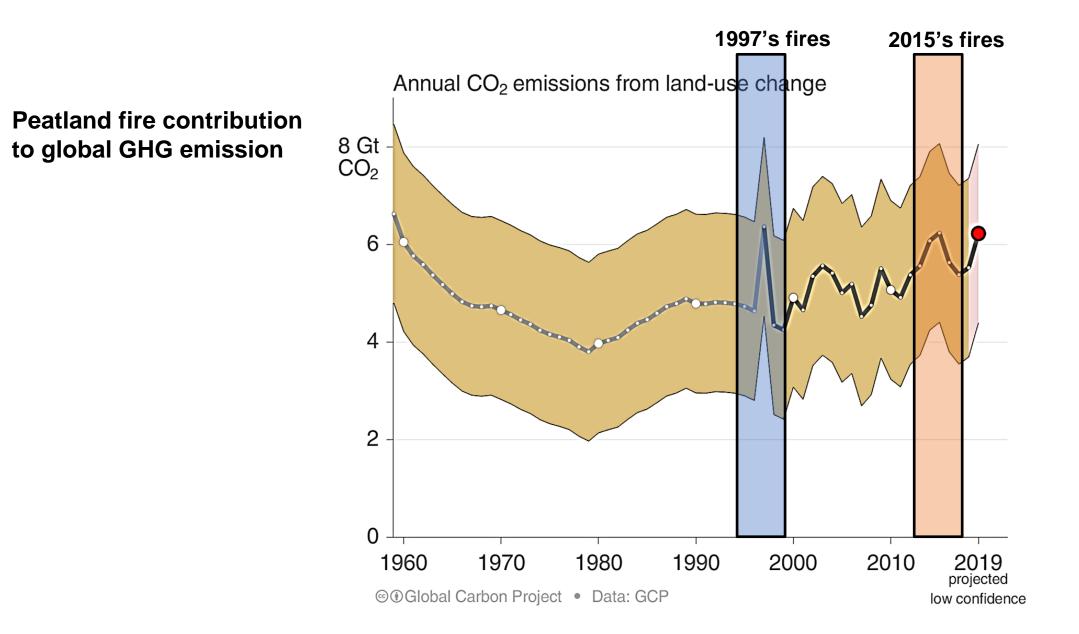
Oleh : Tempo.co Rabu, 8 Oktober 2003 15:50 WIB



PERISTIWA 1 tahun lalu

Kadishut: Kabut Asap Akibat Kebakaran Lahan Gambut akan Abadi

Kalau pemadaman melalui water bombing dengan dana ratusan miliar pun hanya akan memadamkan di permukaan lahan gambut saja.



But, not all peatland utilization is bad!



Written by Nurul Ihsan Fawzi Regions Southeast Asia Solutions Productivity, Trade-offs and synergies

Really? That sounds like a hoax.

Nurul Ihsan Fawzi

Annisa Noyara R.

An integrated water resource management for sustainable peatland management on coconut agriculture in Indonesia

Where?

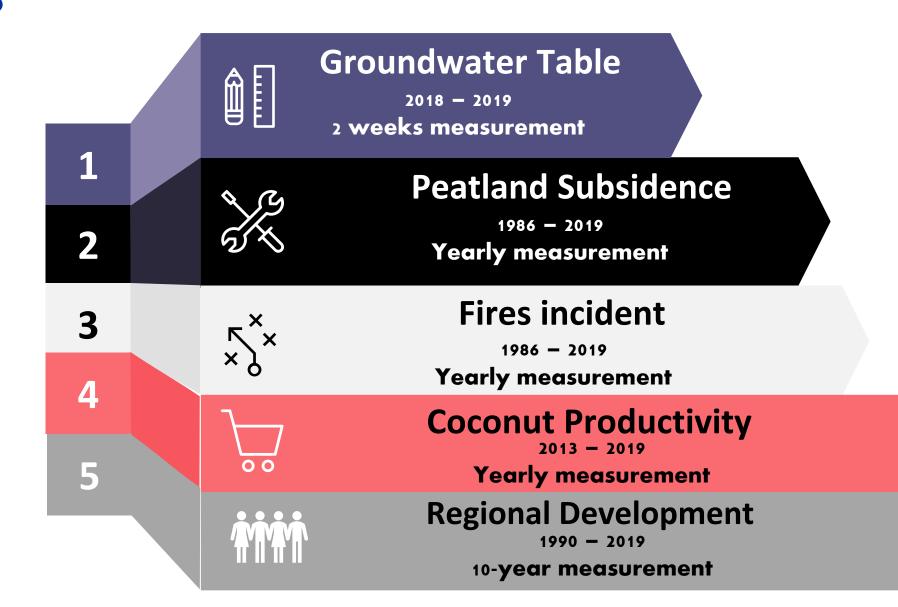


Pulau Burung is a very large producer of coconut. 1/10 Indonesian's coconut production is from this region.

Objective: To examine and learn the practice of coconut agriculture in peatland in Indonesia that can contribute to sustainability.

How?

SUSTAINABILITY PARAMETERS

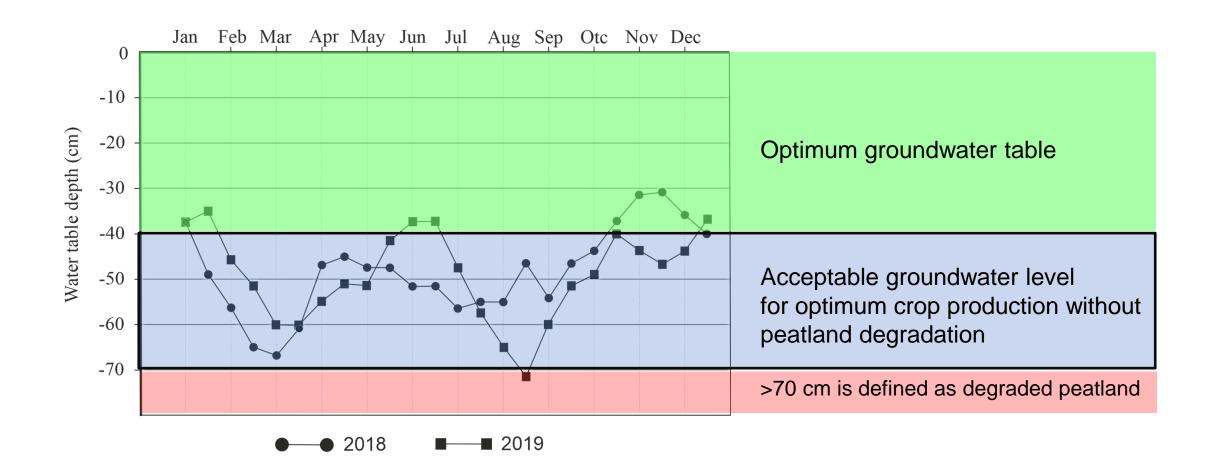


Groundwater Table

"Water Management Trinity"

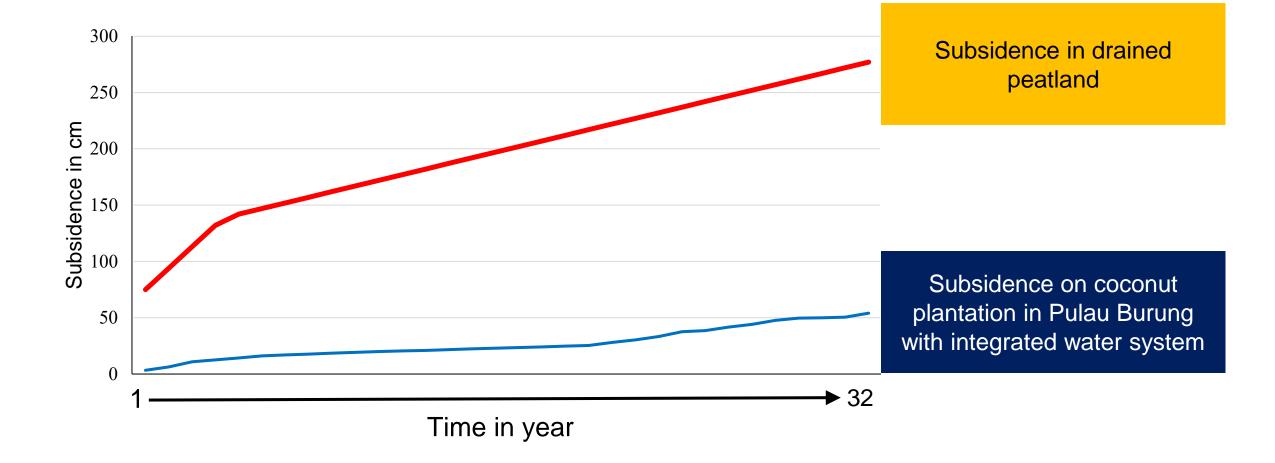
An integrated water resource management. Canals - dikes - water gates and dams. A close system. Canal is **not to drain** but to **store water and transportation**.

Groundwater Table





Peatland Subsidence





Fires Incident

Keep the soil moist

Controlled groundwater level

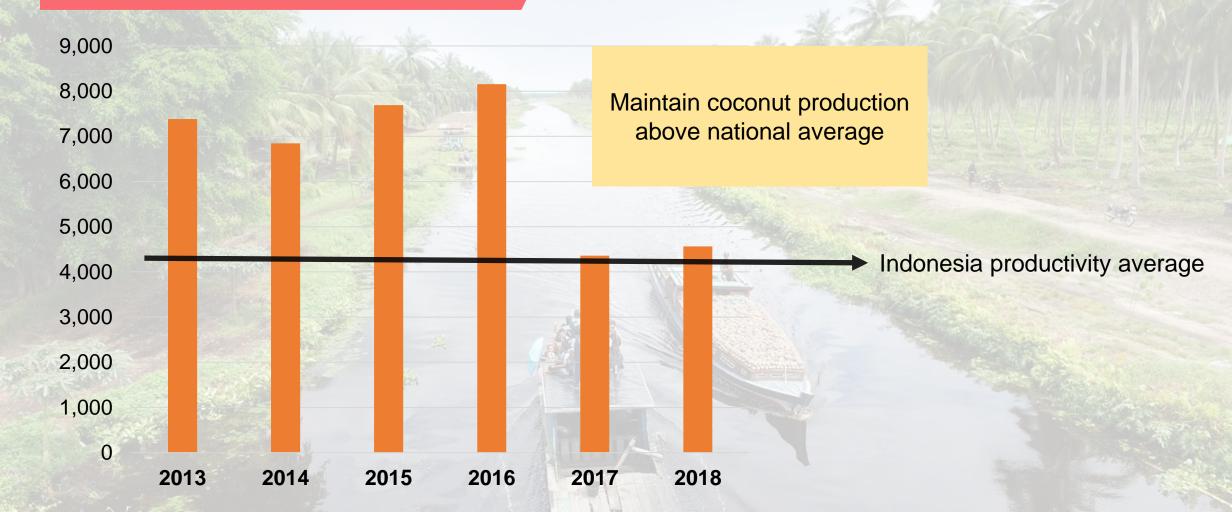
Balance the requirement for soil moisture and crop growth

Very low fire risk

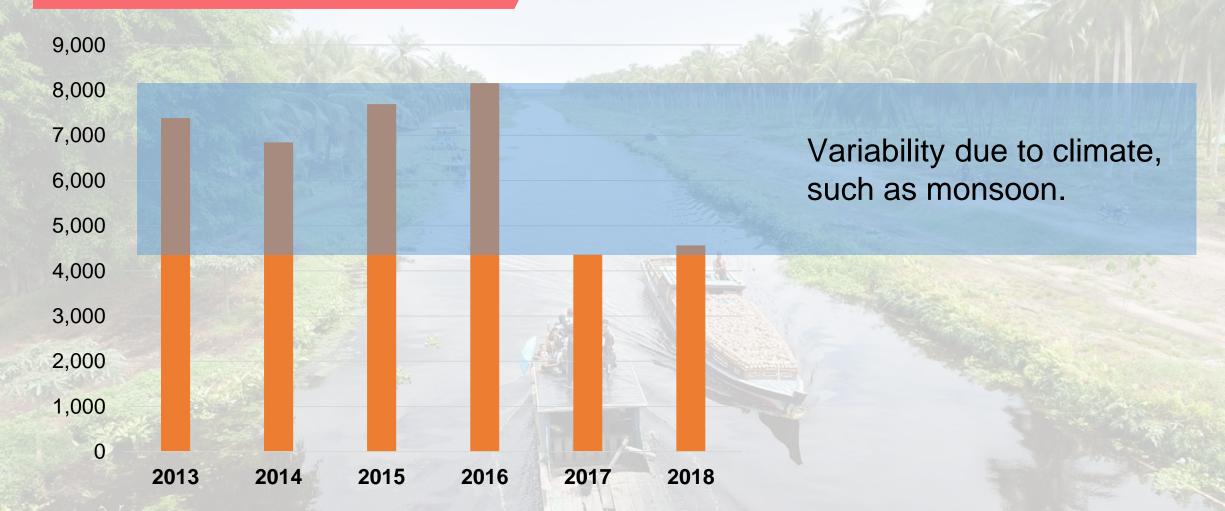
 \longrightarrow

No large fires since 1986

Coconut Productivity



Coconut Productivity



Result **Increasing population in 3 coconut** producer districts (Pulau Burung, Teluk **Regional Development** Belengkong, & Kateman) **Kateman District** Pop. 42,843 Pulau Burung and Teluk Balengkong are Total Pop. villages under Kateman. 2000s Pop. 81,522 2019 **2010s 1990s** Total Pop. **Total Pop.** Pop. 84,484 69,015 Pulau Burung and Teluk Balengkong become districts.

Conclusion

