

FOR FUTURE GENERATIONS

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Environmental education about peat ecosystems



Various studies have been carried out regarding peatland management, restoration, water management and the socio-economic conditions of peatlands. This knowledge study has yet to be used optimally, ensuring the availability of materials and teaching materials for future generations. ICRAF Indonesia, through #PahlawanGambu, in collaboration with the Education and Cultural Agencies in the targeted districts, initiated peat education to realize the strategic steps in instilling understanding and love for the next generation of peat ecosystems from an early age.

ICRAF Indonesia initiated the development of a peat education curriculum for local content in 3 districts and 2 Provinces in Indonesia, namely Ogan Komering Ilir (OKI) Regency and Banyuasin Regency in South Sumatra Province and Kubu Raya Regency in West Kalimantan Province. These three districts were chosen because their areas have large areas of peat. In South Sumatra, the peat education curriculum was developed as local content in collaboration with the South Sumatra Watershed Forum; the peat curriculum

was integrated with watershed (DAS) material. Implementation of the Peat and DAS education curricula as a local content designed for elementary schools (SD) grades 4, 5 and 6, which will be implemented using an integration method with subjects;

- a Science and Indonesian in OKI Regency.
- b Local Content of Banyuasin Potential in Banyuasin Regency.

In West Kalimantan, the development of peat education is also supported by BRGM and Blue Forest, integrated with the material mangrove ecosystem. In Kubu Raya Regency, local content of peat and environmental education mangroves are designed for;

- a Primary School Level (SD) grades 5 and 6, using the integration method with science and Indonesian language subjects.
- b Junior High School (SMP) class 7, 8 and 9, using the integration method with science, social studies, and Indonesian language subjects.

The curriculum was developed through seven-stage process:



The development processes start from November 2021, and officially launch in November 2022 (West Kalimantan) and May 2023 (South Sumatra) for implementation on 2023 period school year. The development processes also include mainstreaming the curricula into formal government policy.

The peat environmental education curriculum, which has local content (mulok), has been successfully implemented in three districts: Kubu Raya in West Kalimantan province through Kubu Raya Regent's Regulation Number 43 of 2022 and Kubu Raya Regent's Instruction Number 1444.A of 2022, Ogan Komering Ilir (OKI) through Regent's Regulation No.180/KEP/ DISDIK/2023, and Banyuasin in South Sumatra Province through Banyuasin Regent's Regulation No.245/KPTS/ DISDIKBUD/2023. With this regional regulation, the peat education curriculum has been implemented in 1530 schools in three districts: 479 elementary schools in OKI, 515 elementary schools in Banyuasin, 379 elementary schools, and 157 junior high schools in Kubu Raya.

Regional Government support is outlined in:



To support learning, teaching material books and reading material books were created that were adapted for each class with the theme Peat.

Three storybooks about peat were also made, the titles Ranti Mencari Gambut, Eko Melukis Gambut, and Bersahabat dengan gambut, to support learning.



All publications are available at



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