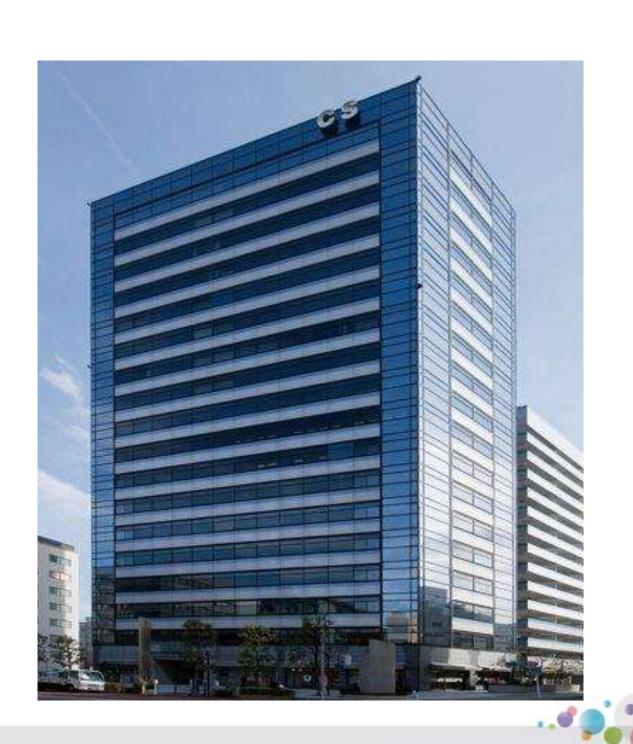


マレーシアにおける地下水管理に向けた取り組み収り組み

2019年6月25日 JWFコミュニケーションラウンジ

会社概要



設立

1963年1月29日

資本金

4億5000万円

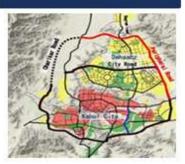
社員数

1,082人(2018年10月現在)



サービス内容

都市計画



- ·Urban Development
- ·Regional Development
- ·Smart Community
- ·Investment Plan

運輸



- Transportation
 Planning
- Road
- ·Railway
- Port

環境施設



- ·Solid Waste Management
- Sewerage
- ·Pollution Control
- •EIA

水資源·防災



- Dam
- ·Groundwater
- ·Water Supply
- ·Flood Control
- Disaster Risk Management

ICT·建築



- · Architecture
- ·Information & Communication System
- ·Broadcast System

電力



- ·Power Generation
- ·Electric Power Distribution
- ·Renewable Energy



マレーシアでの実績

Project Title	Client	Contract Period		Sector
		From	Until	368681
CDM FS on Combined Systems with Waste Disposal and Methane Generation in Ipoh, Malaysia	GEC, Japan	Aug-10	Mar-11	SWM
The Preparatory Study for Integrated Flood Management with Adaptation of Climate Change in Malaysia	JICA	Aug-09	Jan-11	Flood Control
The Study on National Waste Minimization in Malaysia	JICA	Jul-04	Aug-06	SWM
The Study on Safety Closure and Rehabilitation of Landfill Sites in Malaysia	JICA	Jan-03	Nov-04	SWM
Consultancy Services for Design, Construction, Completion and Commissioning of Rawang Sanitary Landfill Project in Selangor, Malaysia	Ministry of Housing and Local Government	Jun-02	Mar-06	SWM
National Strategic Plan Study for Solid Waste Management	Ministry of Housing and Local Government	Nov-01	Mar-06	SWM
The Project for the Design, Construction, Completion and Commissioning of Solid Waste Transfer Station at Taman Beringin, Mukiim Batu, Kuala Lumpur Malaysia	Ministry of Housing and Local Government	Oct-00	Nov-03	SWM
Feasibility Study on the Second Penang Strait Crossing Road Construction Project	Ministry of Works	Sep-00	Aug-01	Bridge
Project Management Consulting Services for the Project of Solid Waste Thermal Treatment Plant at Beroga, Mukim Semenyih, Daerah Hulu Langat, Selangor Darul Ehsan, Malaysia	Ministry of Housing and Local Government	Mar-00	Oct-09	SWM

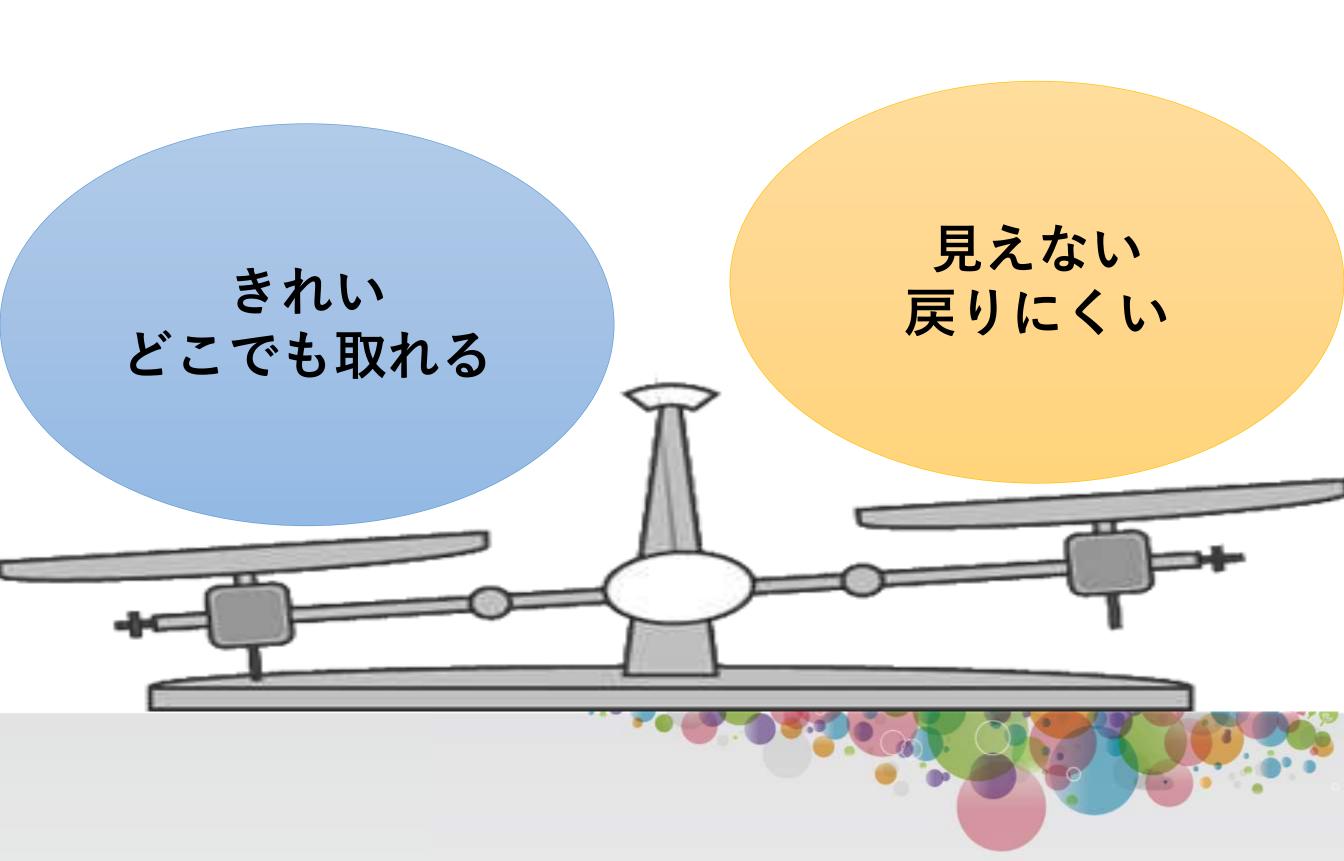




マレーシアにおける地下水管理に向けた取り組み



なぜ地下水管理か

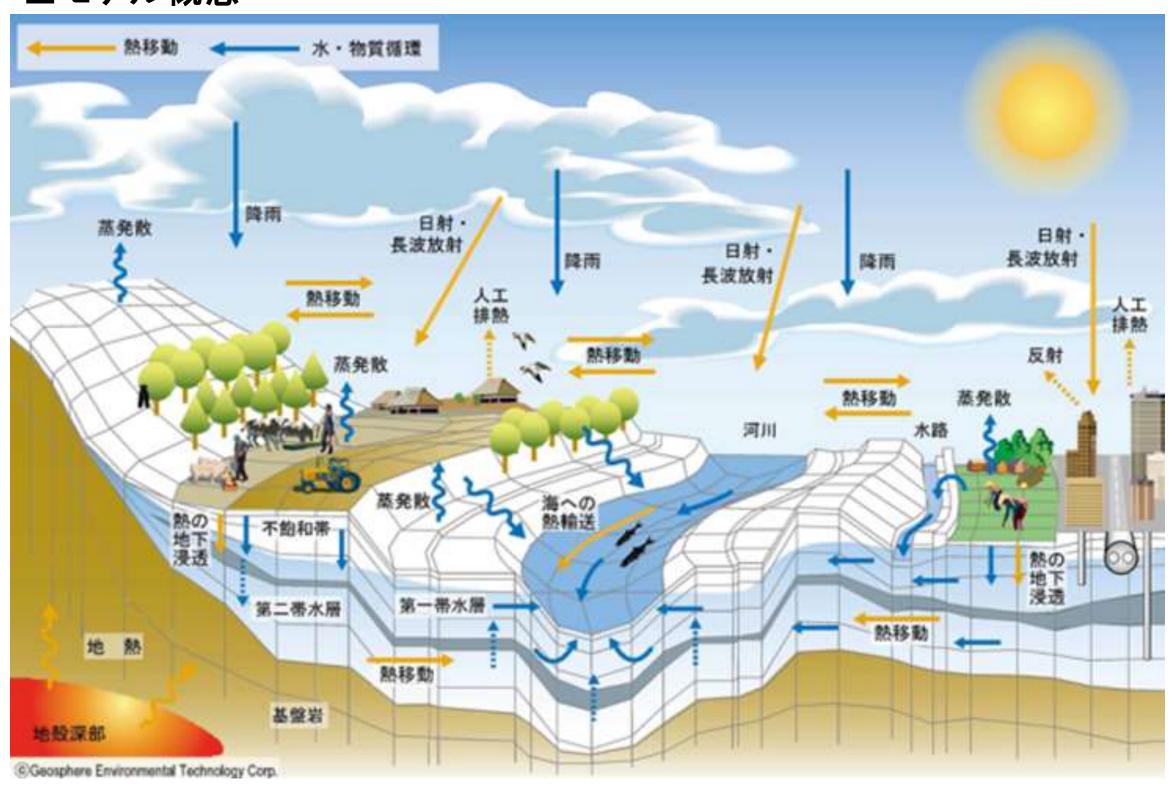


熊本での事例

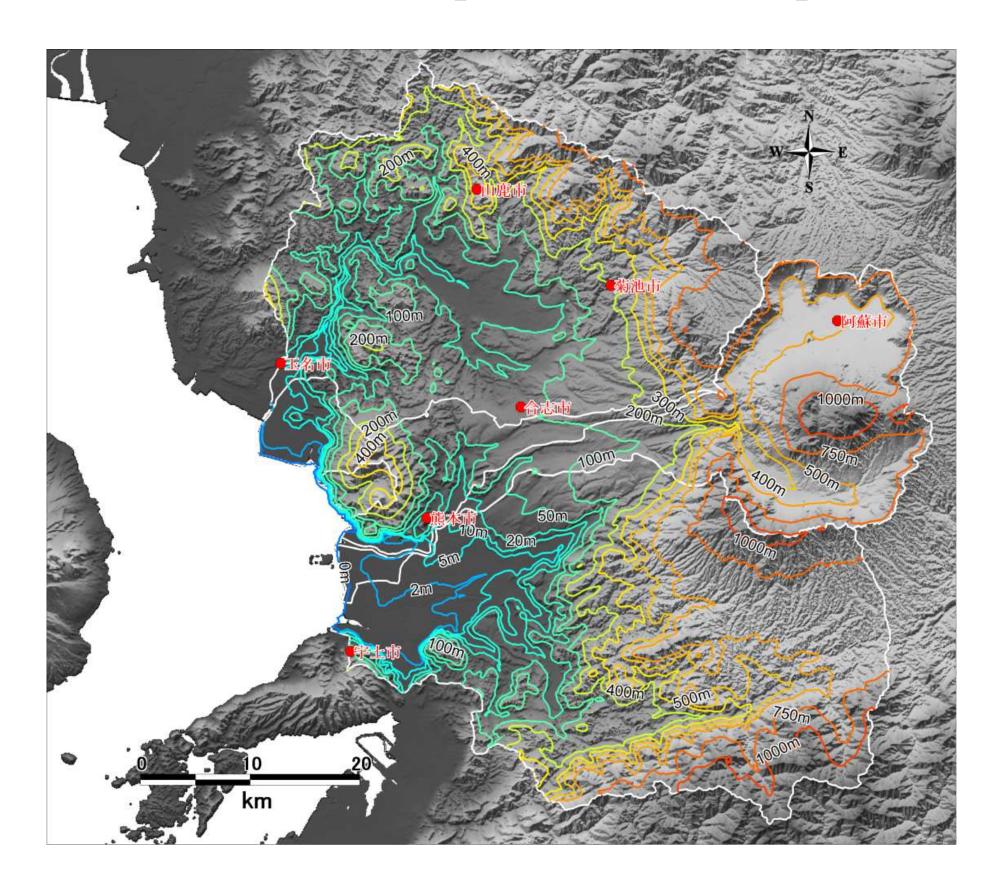


水循環モデルの概念

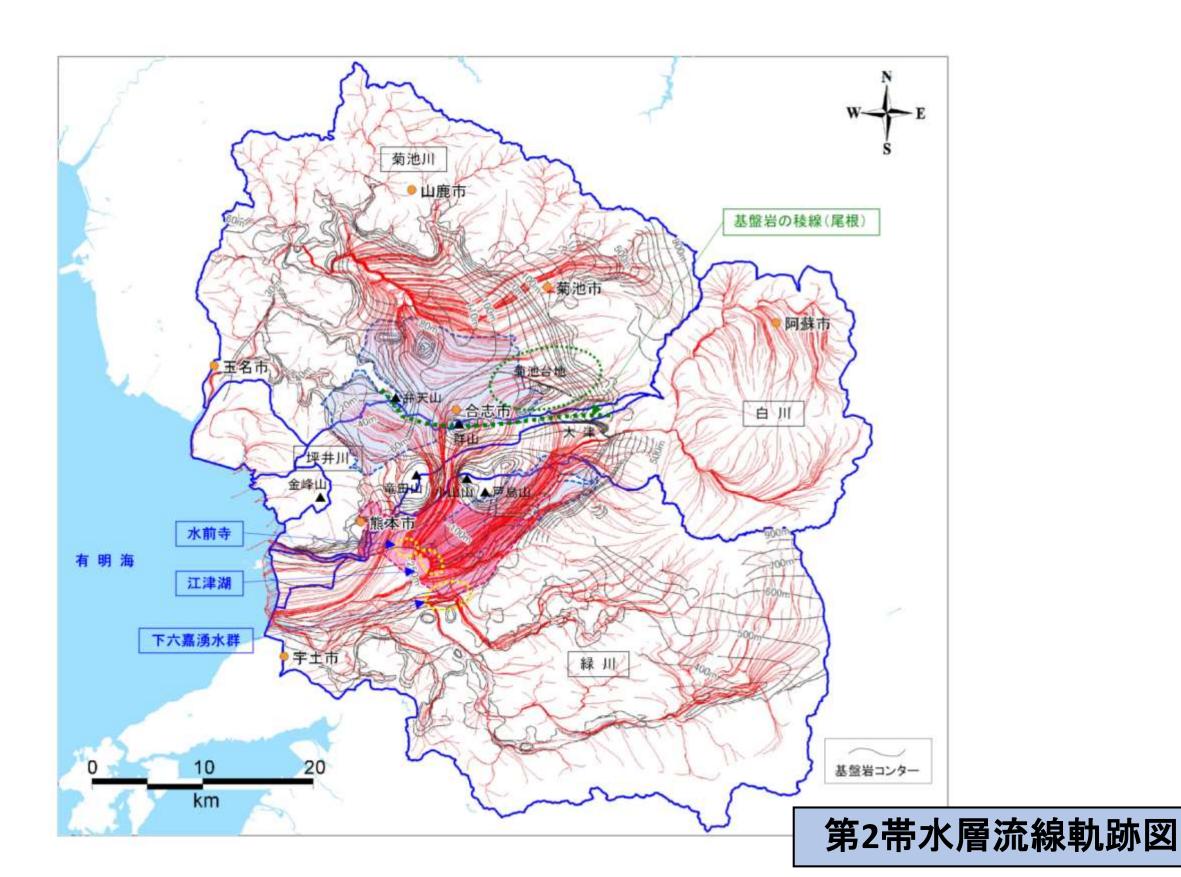
■モデル概念



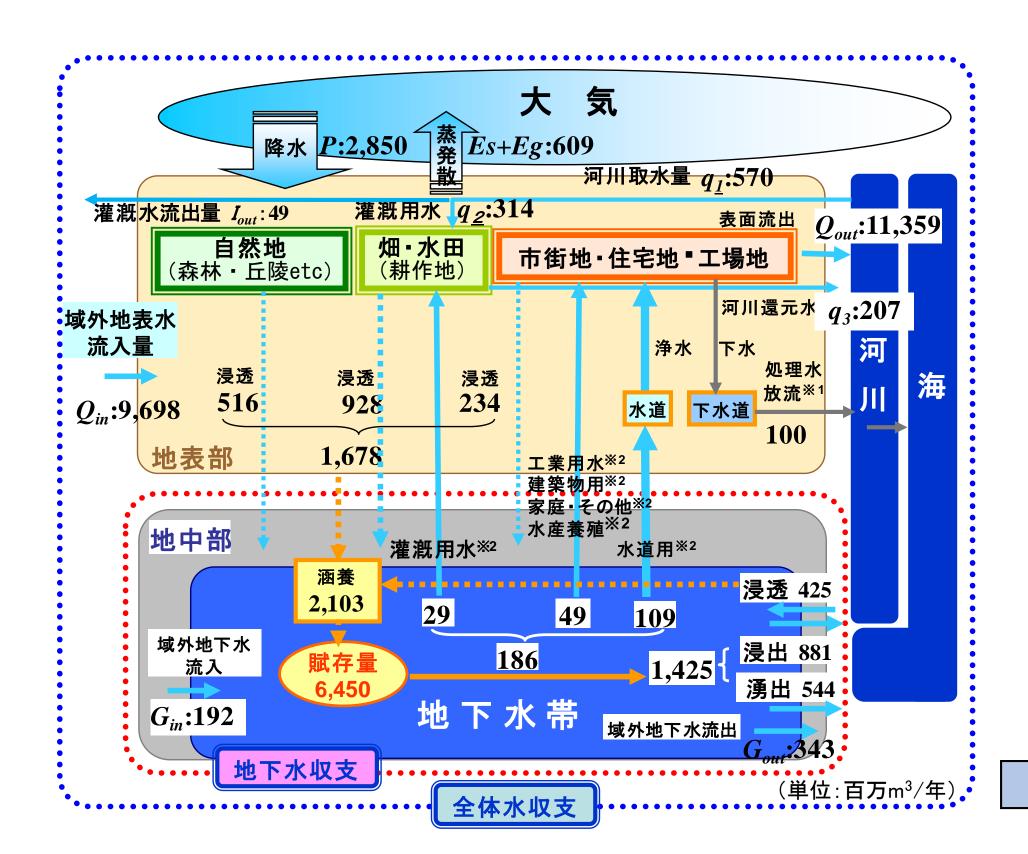
等水位線(不圧地下水)



流域圏内の流動機構



水坝支 (熊本地域:11市町内)



現況(H18)

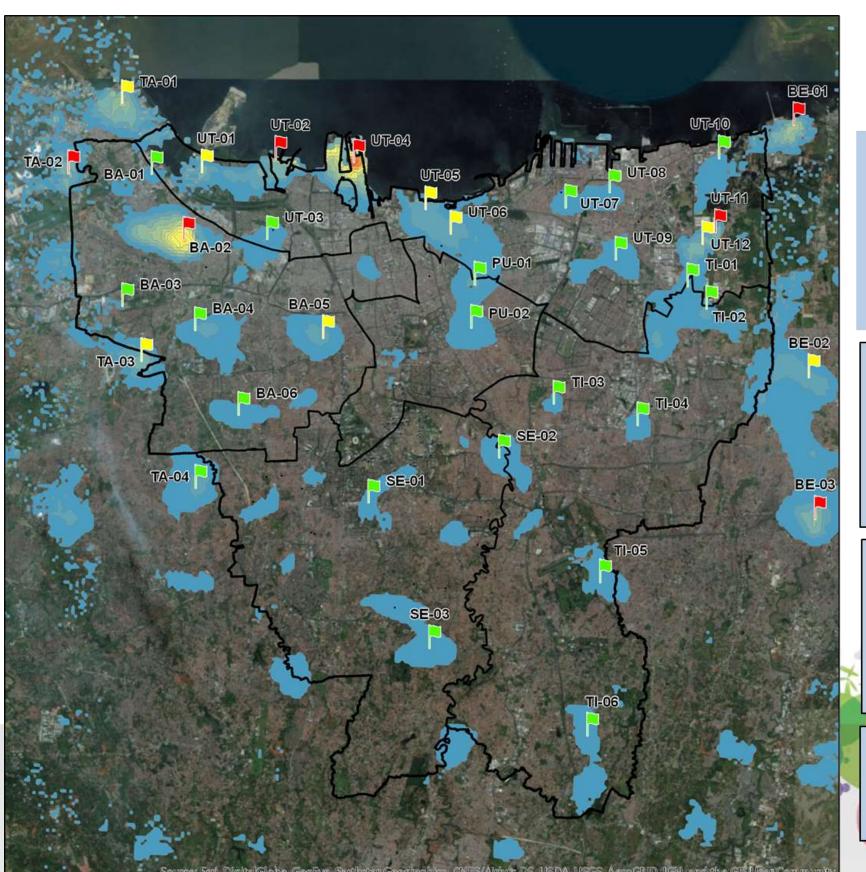
その他の事例(1)



ジャカルタ地盤沈下プロジェクト



ジャカルタ地盤沈下プロジェクト



Classification of Critical Zones

A: Red

More than 50mm/year
or
More than 20mm/year in
whole period and 20142017 (ALOS-2)

B: Yellow

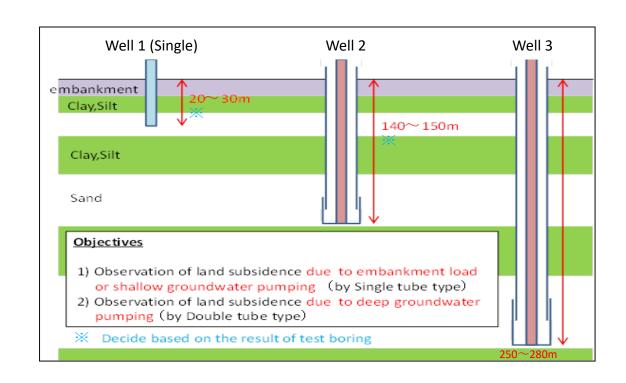
More than 20mm/year in whole period
BUT
Less than 20mm/year in
2014-2017 (ALOS-2)

C: Green

Less than 20mm/year in whole period

ジャカルタ地盤沈下プロジェクト







Terima Kasih Thank you ありがとうございます