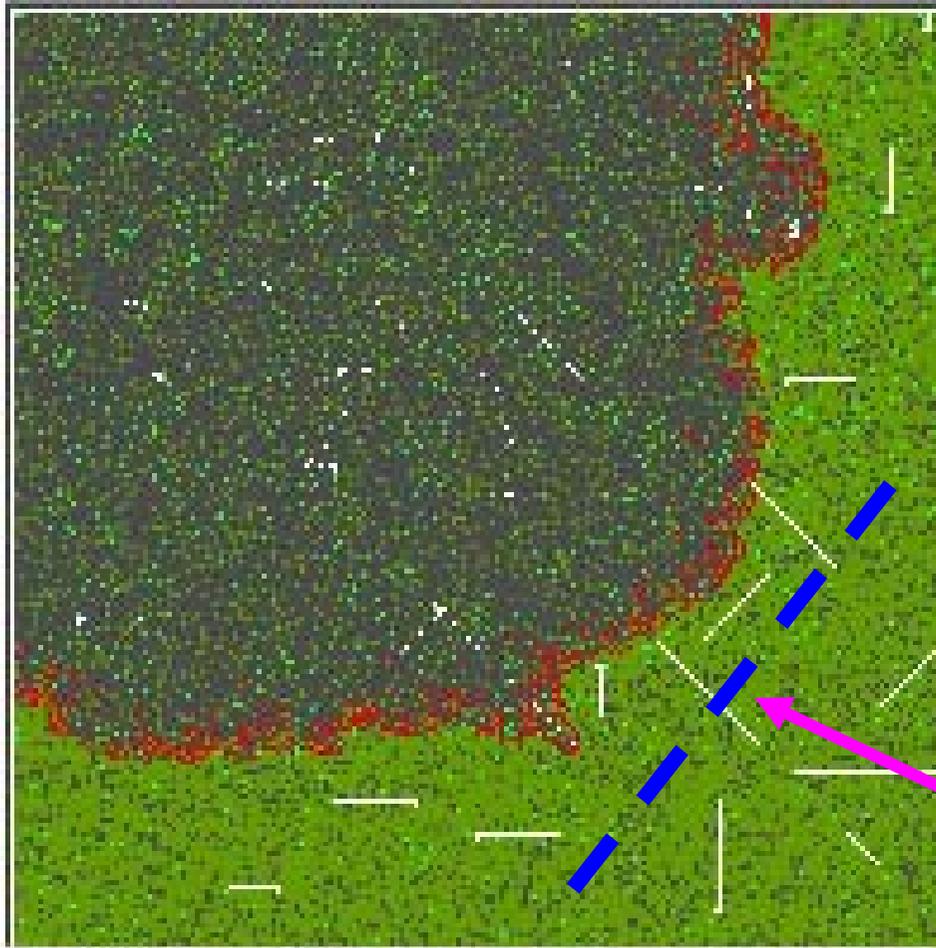


火災延焼予測

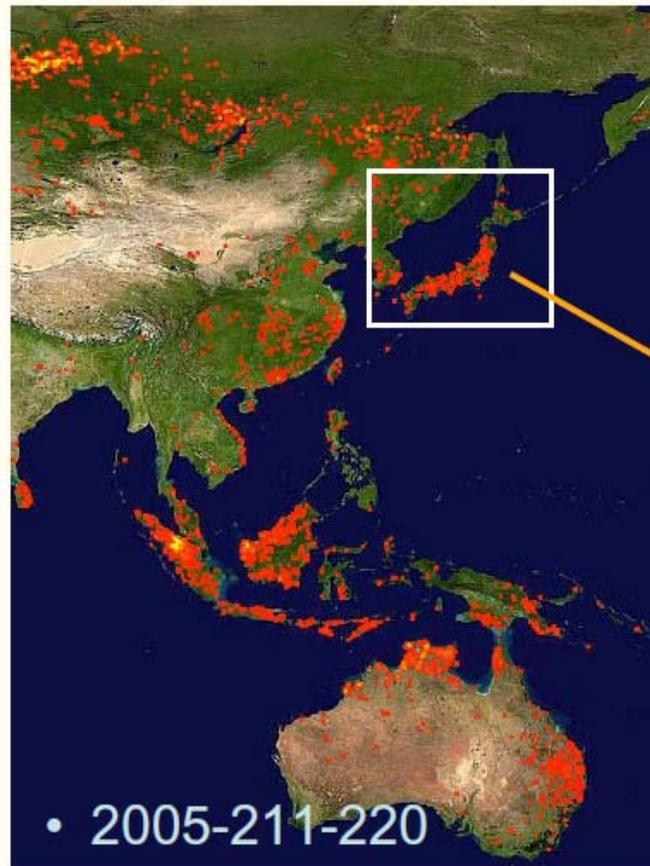


効果的な消火活動



火災検知アルゴリズム検証の必要性

- ・ 現行のアルゴリズム (MOD 14) は NASA が開発
- ・ 誤動作が発生する



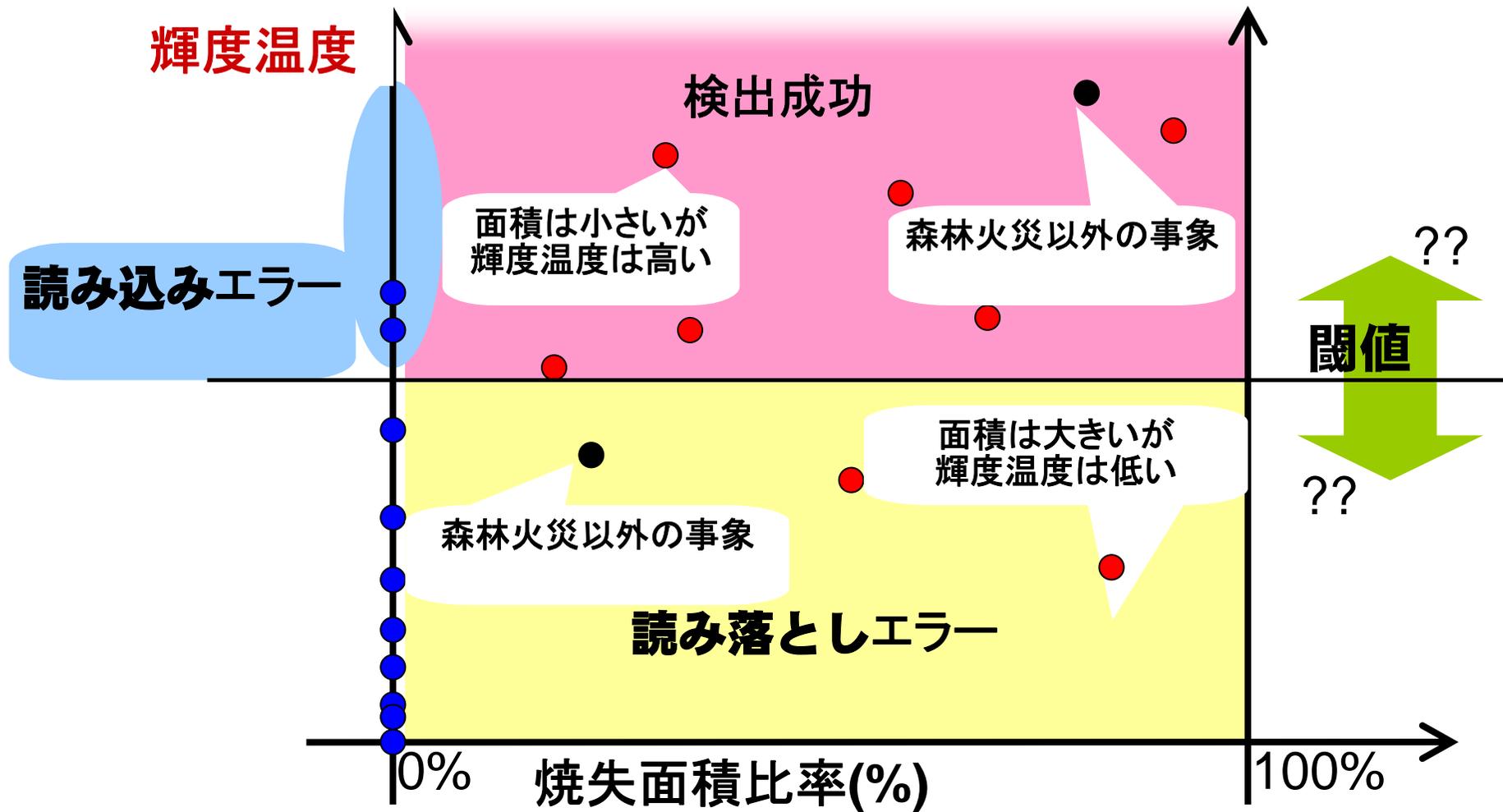
※ Hot Spot
(Fire) Detection
Algorithm

Overestimation



Japan
is not
a fire country

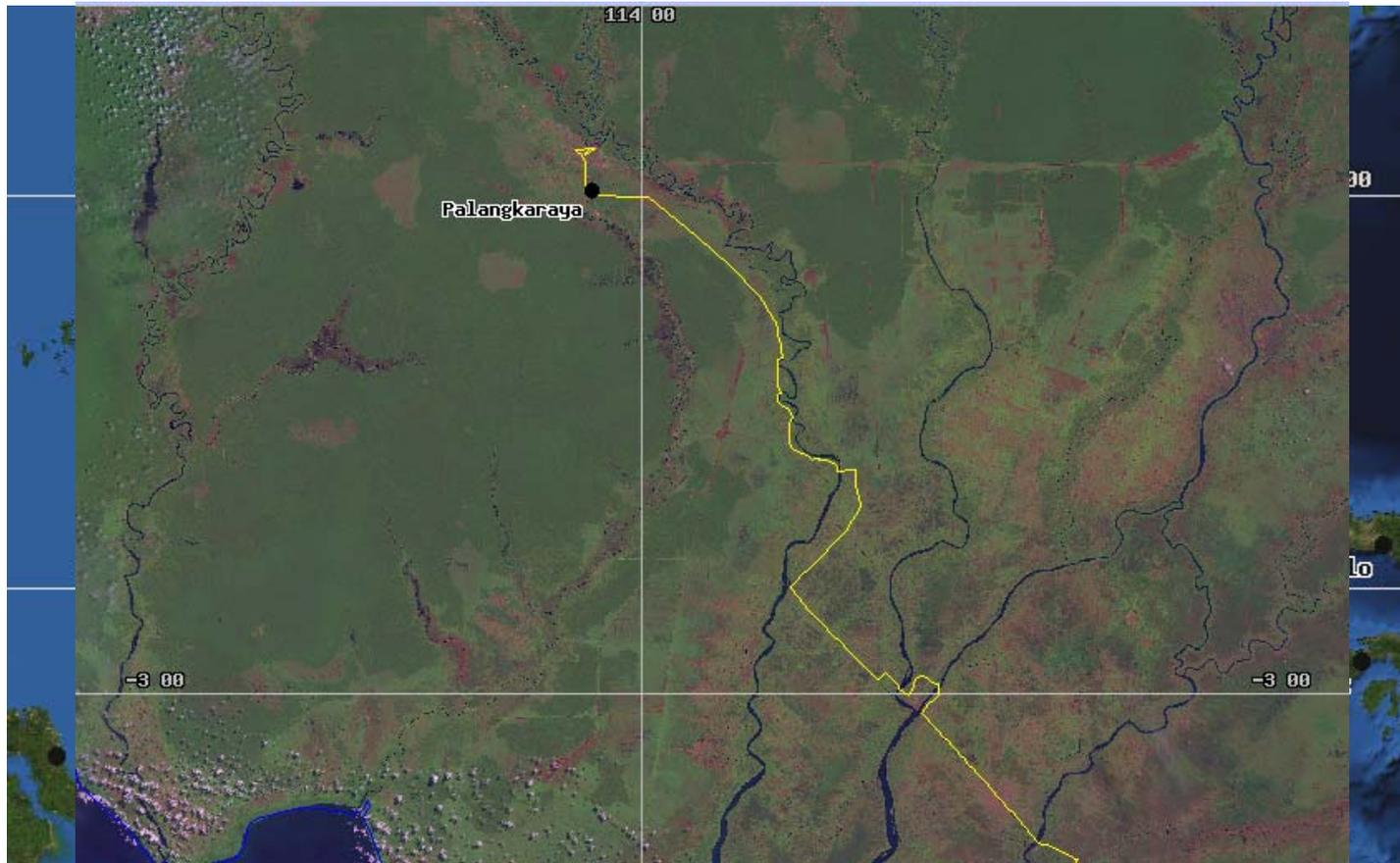
NASA MOD 14



森林火災の燃焼面積と輝度温度の関係

- ・アルゴリズム上は、一定の輝度温度以上を検出

対象地域

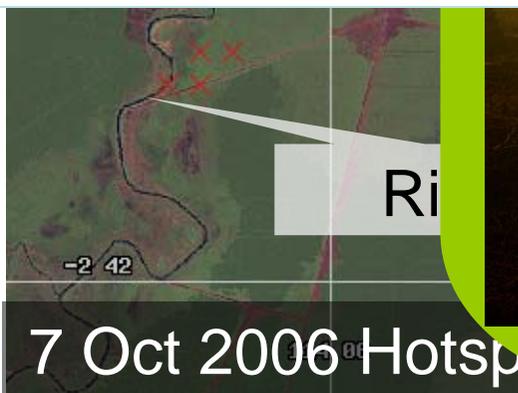


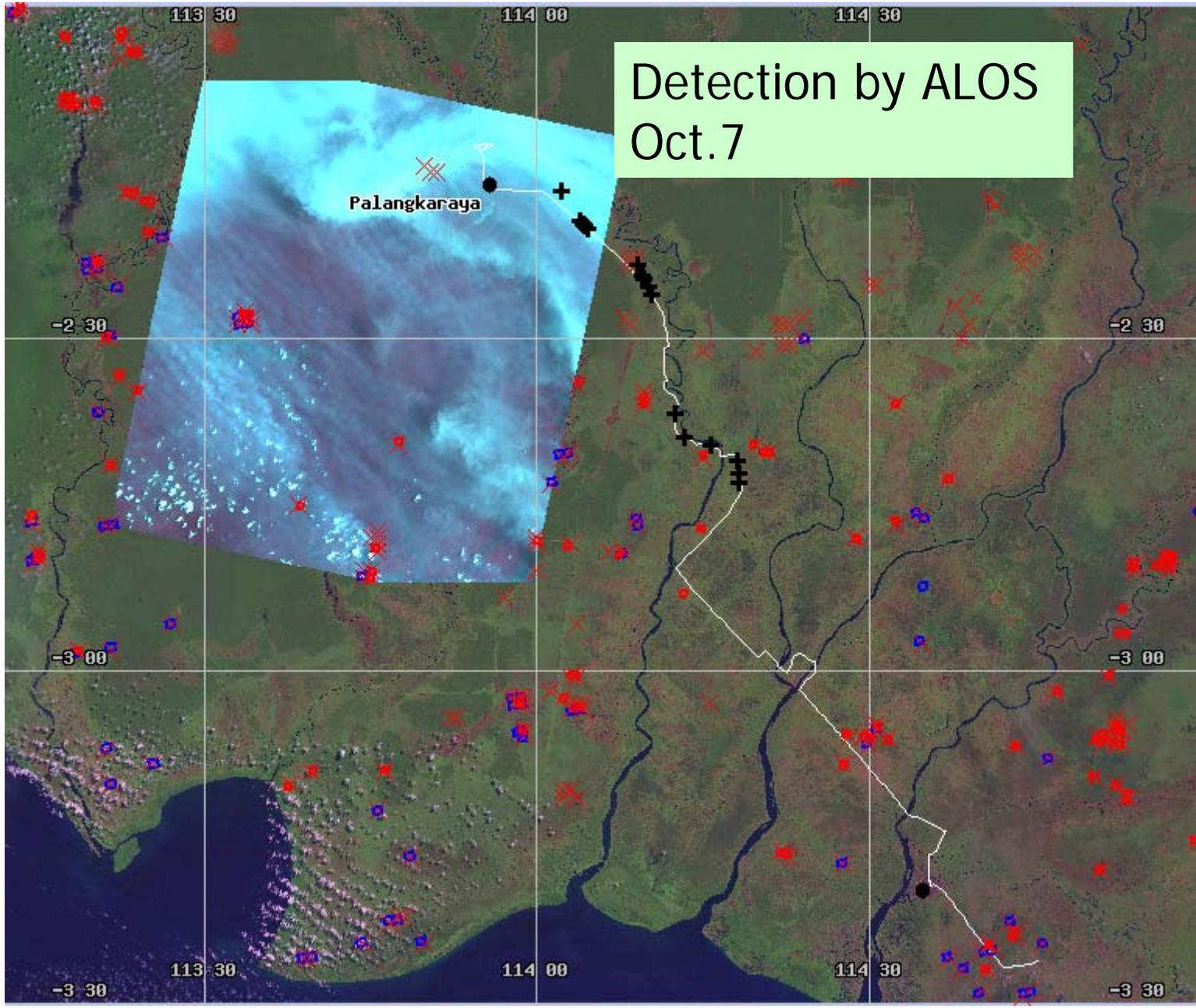
Location: 113.2E – 115.0E, 3.5S – 2.0S

Keyword: Peat land, Mega rice project and Fire to open firm land.



- **X** Hotspot detected by CRISP
- **X** Hotspot detected by LAPAN
- **X** Hotspot detected by AIT
- **+** Ground Obs. by Univ. Palangka Raya





Detection by ALOS
Oct.7

Palangkaraya