

THE BIG PROBLEM: Facing population growth and food shortage

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Fig.1 Hunger Map

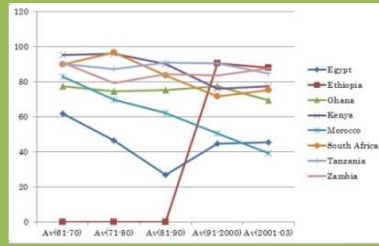


Fig.2 Self-Sufficiency

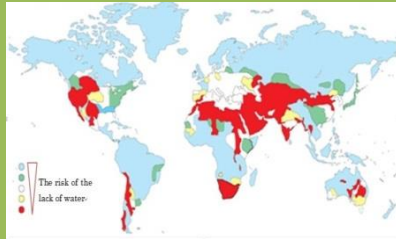


Fig.3 Water Hazard

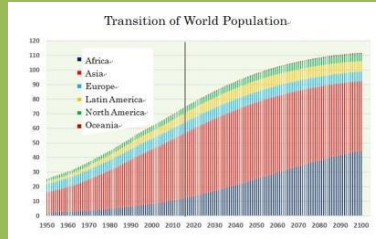


Fig.4 Transition of World Population

NEw
RICe
for Africa
NERICA

Current Situation

○Where

- areas of Sub-Saharan Africa producing NERICA in 2006 (Fig.6)
- rice consumption and production

○Japan's Contribution

- Japanese staff teaching rice farming methods (Fig.7)
- researchers from Sub-Saharan Africa studying about rice at JICA Tsukuba



Fig.6

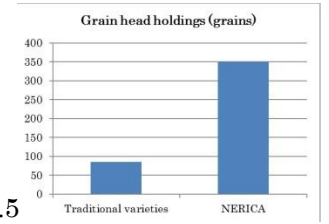


Fig.7

Characteristics

- resistance against disease
- yields well (Fig.5)
- grows quickly
- suits environment of Sub-Saharan Africa
- weed-resistant

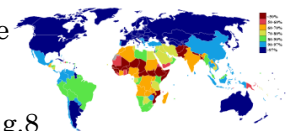
Fig.5



Problems

- not enough basic numeracy and literacy Skills (Fig.8)
- insufficient infrastructure
- destruction of food culture

Fig.8



Solution

Send profits

Teach techniques

Live in a dormitory

Dormitory

School with a dormitory

⇒ Learning+Farming

- boarding school
- standardized language
- farming techniques
- send profits or crops to families
- high level education

