



Adaptation Measures in Indonesian Agriculture for Coping with the Climate Change

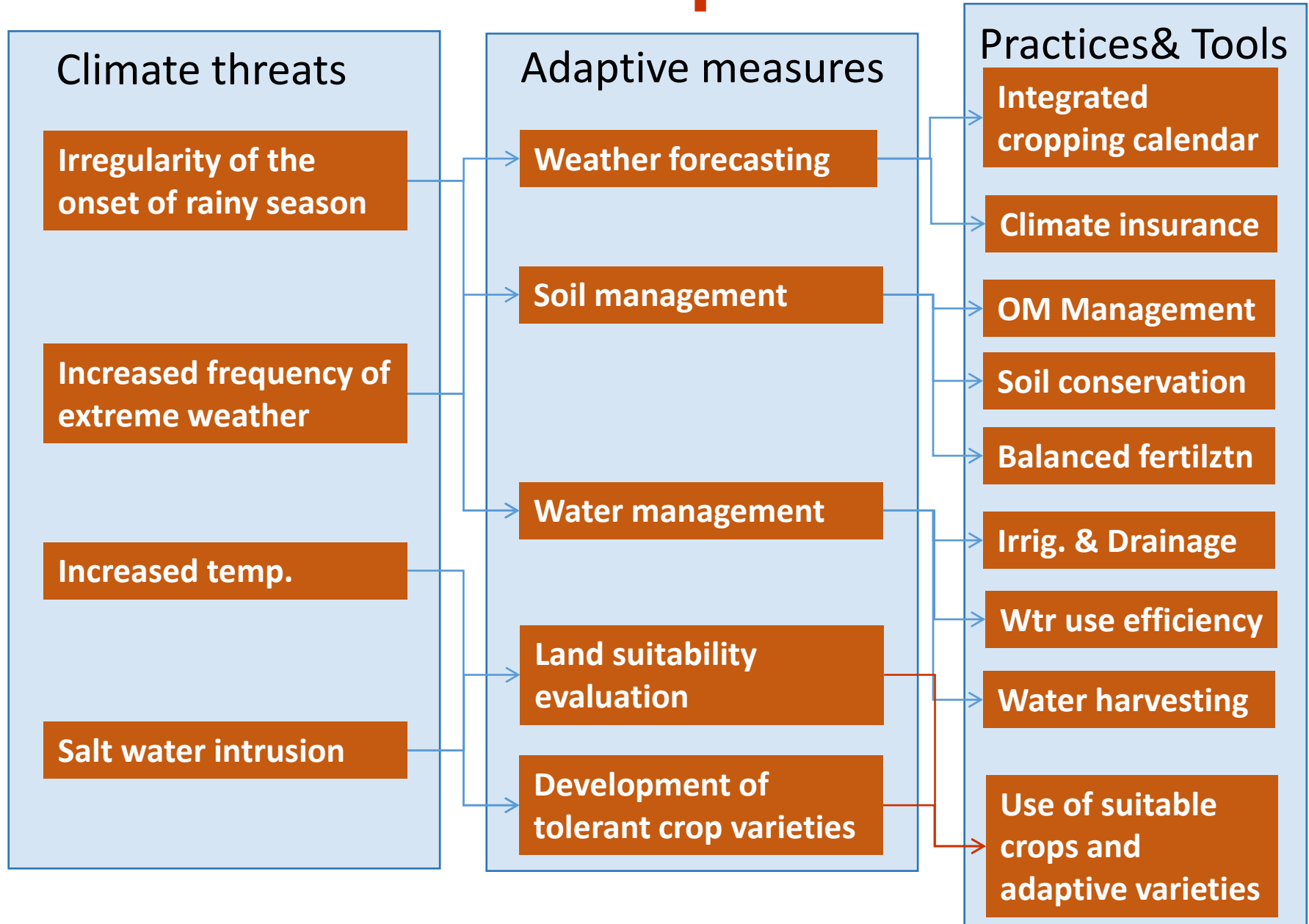
Fahmuddin Agus
Indonesian Ministry of Agriculture
F_agus@litbang.pertanian.go.id

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Problems and adaptive measures



Examples of Adaptive Technology Packages

- Integrated cropping calendar
- Test kits for soil and fertilizer nutrient status
- Crop-livestock integrated systems: zero waste, production of food, feed and fuel
- Agroforestry systems
- “Seven management pillars”: Quality seedling, soil management, balanced fertilization, pests and diseases control, irrigation and water management, post harvest management, and marketing.



A screenshot of a web browser displaying the KATAM TERPADU MODERN website. The page has a green header with the title "KATAM TERPADU MODERN" and "SCIENCE . INNOVATION . NETWORKS". Below the header, there are four small images showing agricultural scenes. The main content area lists various services and information for farmers, such as "ESTIMASI WAKTU DAN LUAS TANAM PADI DAN PALAWIJA", "REKOMENDASI VARIETAS, KEBUTUHAN BENIH, PUPUK, DAN ALAT MESIN PERTANIAN", and "INFO TANAM - BPP". There is also a "MASUK" button and an "SMS CENTER" section with phone numbers. A QR code is visible in the bottom right corner. The footer mentions "BADAN PENELITIAN DAN PENGEMBANGAN PERTANIAN".

Challenges and ways forward

| Challenges | Ways forward |
|--|---|
| <ul style="list-style-type: none">• How to improve the accuracy of weather forecast• How to deliver the information, especially to farmers in the remote areas• How to improve extension workers' and farmers' capacity• How to distribute agric. Inputs to remote places• How to improve farmers' adoption of adaptive technologies | <ul style="list-style-type: none">• Improve technology and information transfers between parties and within each country• Enhanced research for improving farming systems' resilience: annual and perennial crops• Enhancement of extension to reach the farmers in the vulnerable areas• Capacity building for researchers, extension workers, and farmers• Provision of means of implementation |