

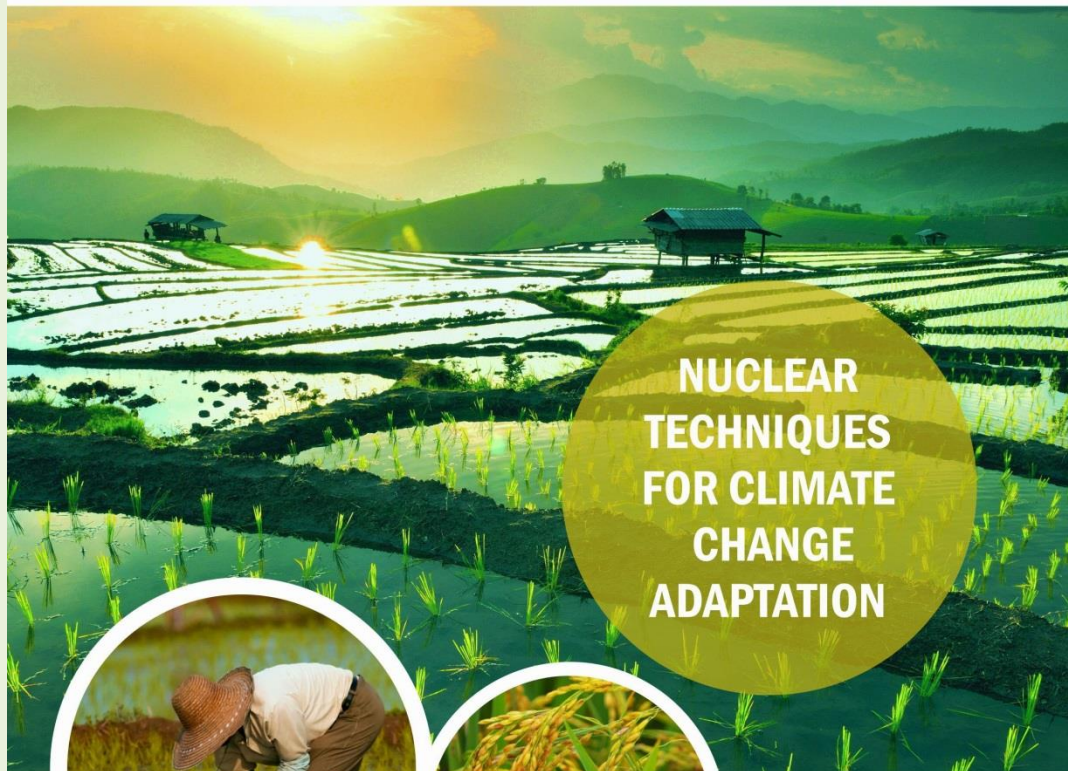


Joint FAO/IAEA Programme  
Nuclear Techniques in Food and Agriculture

61<sup>st</sup> IAEA  
General Conference

SIDE EVENT

# Climate-Proofing Rice Production Systems



NUCLEAR  
TECHNIQUES  
FOR CLIMATE  
CHANGE  
ADAPTATION



Wednesday, 20 September 2017  
10:00-11:30, Room M7, VIC M-Building



Technical  
Cooperation  
Programme

# Climate-Proofing Rice Production Systems

Climate change is impacting global rice production through floods, droughts, heat and salinity. Nuclear techniques can create useful germplasm and develop new cultivars tolerant to abiotic and biotic stresses, and improve water and fertilizer-use efficiencies for better adaptation to climate change. Using rice production as an example, this event will showcase sustainable successes by Asian Member States in using nuclear techniques to mitigate the impacts of climate change.

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## IAEA 61<sup>st</sup> General Conference Side Event

***Climate-Proofing Rice Production Systems:***

***Nuclear Techniques for Climate Change Adaptation***

**Wednesday 20 September 2017, Room M7, M-building**

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### Programme

MC: Mr Ho-Seung LEE, PMO TCAP

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|--------------|--|
| <b>10:00</b> | <b>Welcome and Opening Remarks</b><br>Mr Qu LIANG, DIR-NAFA<br>Ms Najat MOKHTAR, DIR-TCAP  |
| <b>10:10</b> | <b>Climate-Proofing Rice Production</b><br>Plant Breeding and Genetics<br>Mr Ljupcho JANKULOSKI, SH-NAFA   |
| <b>10:15</b> | <b>Soil and Water Management and Crop Nutrition</b><br>Ms Lee Kheng HENG, SH-NAFA  |
| <b>10:20</b> | <b>Successful Experiences from Member States</b><br>Malaysia: Improving the Resilience of National Rice Production Systems to Climate Change<br>Mr Shyful Azizi ABDUL RAHMAN, Malaysian Nuclear Agency |
| <b>10:30</b> | <b>Philippines: Efficient Nutrient and Water Management for Rice Production through Nuclear and Isotopic Techniques</b><br>Mr Roland V. RALLOS, Philippine Nuclear Research Institute                  |
| <b>10:40</b> | <b>Viet Nam: Efficient Rice Improvement through Mutation Breeding for Food Security</b><br>Mr Khanh NGUYEN TRONG, Field Crops Research Institute   |
| <b>10:50</b> | <b>Indonesia: Contribution of Rice Mutant Varieties to the National Demand</b><br>Mr Totti TJIPTOSUMIRAT, National Nuclear Energy Agency (BATAN)   |
| <b>11:00</b> | <b>Questions and Answers</b>   |
| <b>11:15</b> | <b>Closing Remarks</b><br>Mr Aldo MALAVASI, DDG-NA<br>Mr Dazhu YANG, DDG-TC  |
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