Severe Weather and Other Shocks – Are we Doing Enough to Mitigate Risks for Nutrition?
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Definitions

• **Disaster risk** is the potential loss expressed in lives, health/nutritional status, livelihoods, assets and services, which could occur in a particular community or a society due to the impact of a natural hazard.

• **Disaster risk reduction** (DRR) is a systematic approach to identifying, assessing and reducing that risk.

• **Early warning** is a system used to predict when and where food insecurity will occur through analysis of a variety of data and information such as market prices of food, precipitation and crop failures.
Sources for Early Warning Information for Nutrition

• National early warning systems
• FEWS NET
• Project level early warning
• Health surveillance systems

• Nutrition being more formally integrated into EW, but is considered a “lagging indicator”
The Purpose of FEWS NET

• To prevent famine and mitigate food insecurity by providing decision makers with information that is accurate, credible, timely, and actionable.

• To strengthen the ability of FEWS NET countries and regional organizations to provide timely early warning and vulnerability analysis.
### IPC 2.0 Acute Food Insecurity Reference Table

<table>
<thead>
<tr>
<th>PHASE 1 Minimal</th>
<th>Households are meeting their basic food and nonfood needs without unsustainable coping strategies.</th>
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</thead>
<tbody>
<tr>
<td>PHASE 2 Stressed</td>
<td>Household food consumption is minimally adequate. Households are unable to afford some essential nonfood expenditures without unsustainable coping strategies.</td>
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<tr>
<td>PHASE 3 Crisis</td>
<td>Households face food consumption gaps or are only meeting minimal food needs through unsustainable coping strategies.</td>
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<tr>
<td>PHASE 4 Emergency</td>
<td>Households face extreme food consumption gaps or are experiencing extreme loss of livelihood assets that will likely lead to food consumption gaps.</td>
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<tr>
<td>PHASE 5 Famine</td>
<td>Households have a near complete lack of food and/or other basic needs. Starvation, death, and destitution are evident.</td>
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<td>Phase classification would likely be worse without current or programmed humanitarian assistance.</td>
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East and Southern Africa Regional Meeting
Estimated FY16 emergency food assistance needs

Countries with populations requiring emergency food assistance in FY16
- El Nino NOT a primary driver of expected needs
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New IPC Nutrition Component

- Comprehensive nutrition component being developed to complement IPC
- New IPC to include nutrition classification tools and procedures based off Somalia FSNAU
- Countries where piloted: Kenya, S. Sudan, Bangladesh, Niger, and CAR
- Includes analysis of malnutrition caused by
  - Non-food related factors (caring practices and disease-related causal factors)
  - Food related factors

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Source: http://www.ipcinfo.org/
Project Level Early Warning

Typical activities include:

• Identifying key information stakeholders

• Establishing applicable indicators and monitoring/collection mechanisms

• Determining stress/shock levels and severity thresholds for response

• Reviewing available response strategies and designing response strategy frameworks
Food for Peace Haiti Example

- Early warning monitoring - Food Availability: amount of daily rainfall reported monthly from rain gauge stations.
- Food Access: retail prices for key commodities from the Government of Haiti’s standardized commodities list, reported monthly from regularly surveyed markets.
- Food Utilization: Global acute malnutrition (GAM), determined by mid-upper arm circumference (MUAC) or underweight prevalence among children 6–59 months of age, reported monthly from community screenings.
Other DRR approaches

- HH vegetable gardening
- Alternative Livelihoods
- Natural Resource Management
NRM: Retaining Walls

Image courtesy of FFP

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HH Vegetable Gardens

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Image courtesy of FFP
Voices from the Room

• Are you aware of early warning activities in your country? If so, how are you connecting with them?

• What are you currently doing to integrate DRR activities into your nutrition programs?
Useful Resources

- FEWSNET: http://www.fews.net
- Integrated Phase Classification System: http://www.ipcinfo.org
- TOPS – Food Security and Nutrition Network Early Warning Group http://www.fsnnetwork.org/project-level-early-warning
- USAID Resilience: https://usaid.gov/resilience