Food and Agriculture Organization of the United Nations

Analyzing the institutional dimension of Integrated Drought Management

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What are institutions in the context of integrated drought management?

INSTITUTION

Rules, laws, regulations

Organization

Social structure of behaviour and interaction

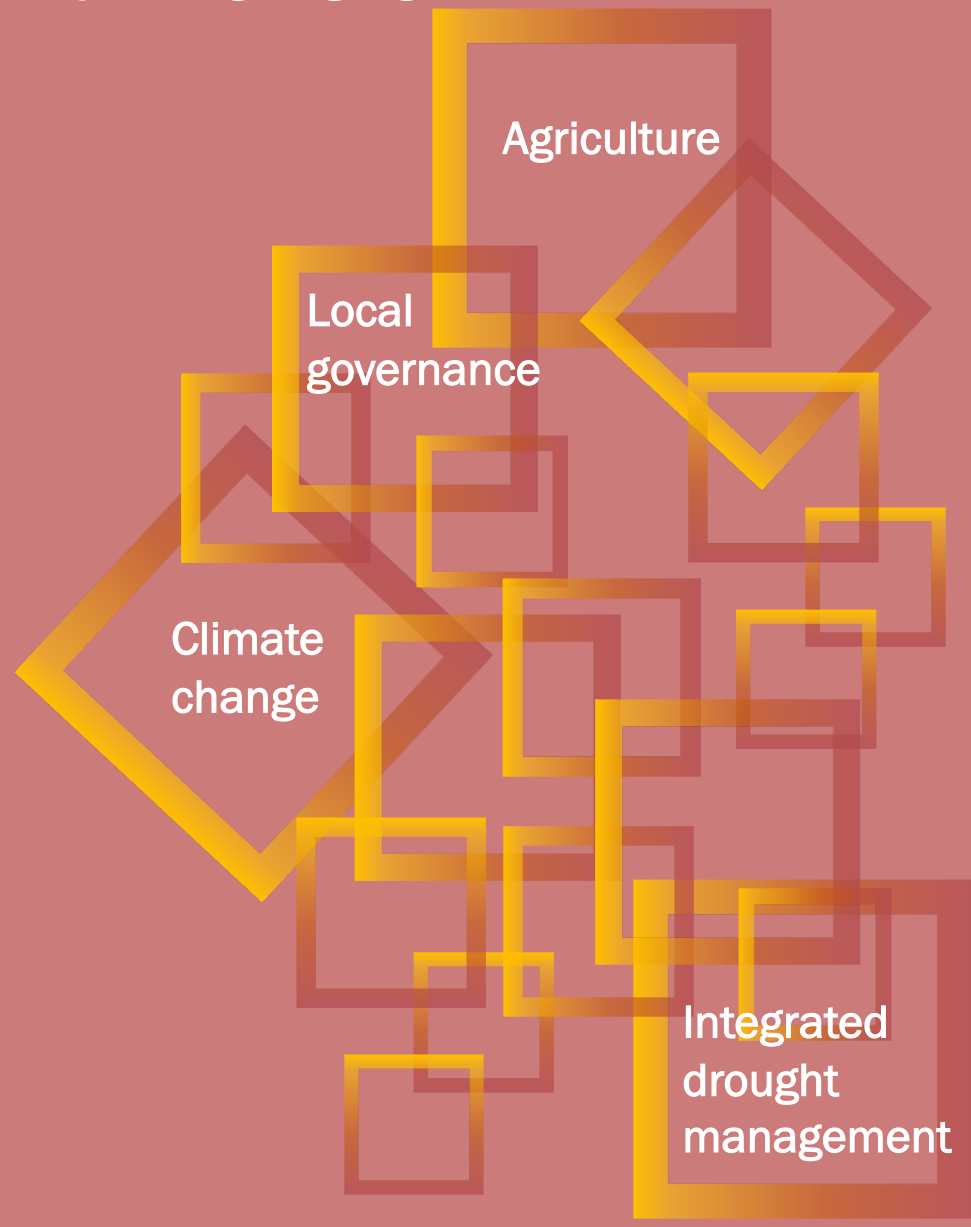
Why are institutions important?

Integrated drought management involves creating new, or building the capacity of old, institutions

Institutional dimension should be the foundation of broader reforms toward an effective integrated drought management implementation

How to analyze institutional dimension?

Integrated drought management involves <u>networks</u> of interacting institutions and institutional arrangements



How to analyze institutional dimension?

Institutional environments: Comprehensive inventory of various institutions that may influence drought risk actions and measures

Institutional arrangements: Structures of the rules that govern decisions or the specific guidelines designed to facilitate social interactions

Institutional environment analysis: Early warning system

Drought management	Disaster risk reduction	Climate change adaptation	Local governance	Agriculture	Science and Technology	Information
Drought management plan and policies	National and local DRR plans and policies	National and local adaptation plans and policies	Local policies on agency cooperation	Agricultural development plans	Science and technology data generation laws/policies	Information dissemination laws/policies
Ministries and government units	Ministries and government units	Ministries and government units	Sectoral local laws and regulations	National laws on agriculture	Organizational mandates	Organizational mandates
Standard operating procedures on early warning in drought mgt	Standard operating procedures on early warning in DRR	Standard operating procedures on early warning in adaptation	Local norms and customs (i.e., leadership & governance)	Ministry of Agriculture regulations/ orders	Traditional practices and customs	Traditional practices and customs
…	…	…	…	…	…	…

Institutional environment analysis: Early warning system

INSTITUTIONAL ENVIRONMENT	Formal rules	Social Structures	Formal Organizations
Drought management	Drought policy	Traditional practices in drought management	Drought management agency
Local governance	Local governance laws	Local champion Patronage system	Local government unit
Science and technology	Science and technology data generation laws	Traditional practices in predicting weather	Science and technology agency

Institutional arrangement analysis: Early warning system

Functions of an institution	Formal rules	Social Structures	Formal Organizations
Establishes systems of power and authority	✓	✓	✓
Defines information systems	✓	✓	✓
Mobilizes resource utilization	✓	✓	✓
…	…	…	…

Institutional arrangement analysis: Early warning system

<u>Institutions establish systems of power and authority</u>

Who has the management authority?

Who has operational authority?

Who has data generation authority and responsibility?

Who has the authority over the dissemination of information?

Institutional arrangement analysis: Early warning system

Institutions define information systems

How are information disseminated?

Does the dissemination process overlap, contradict, or complement with existing operating procedures, cultural norms, etc?

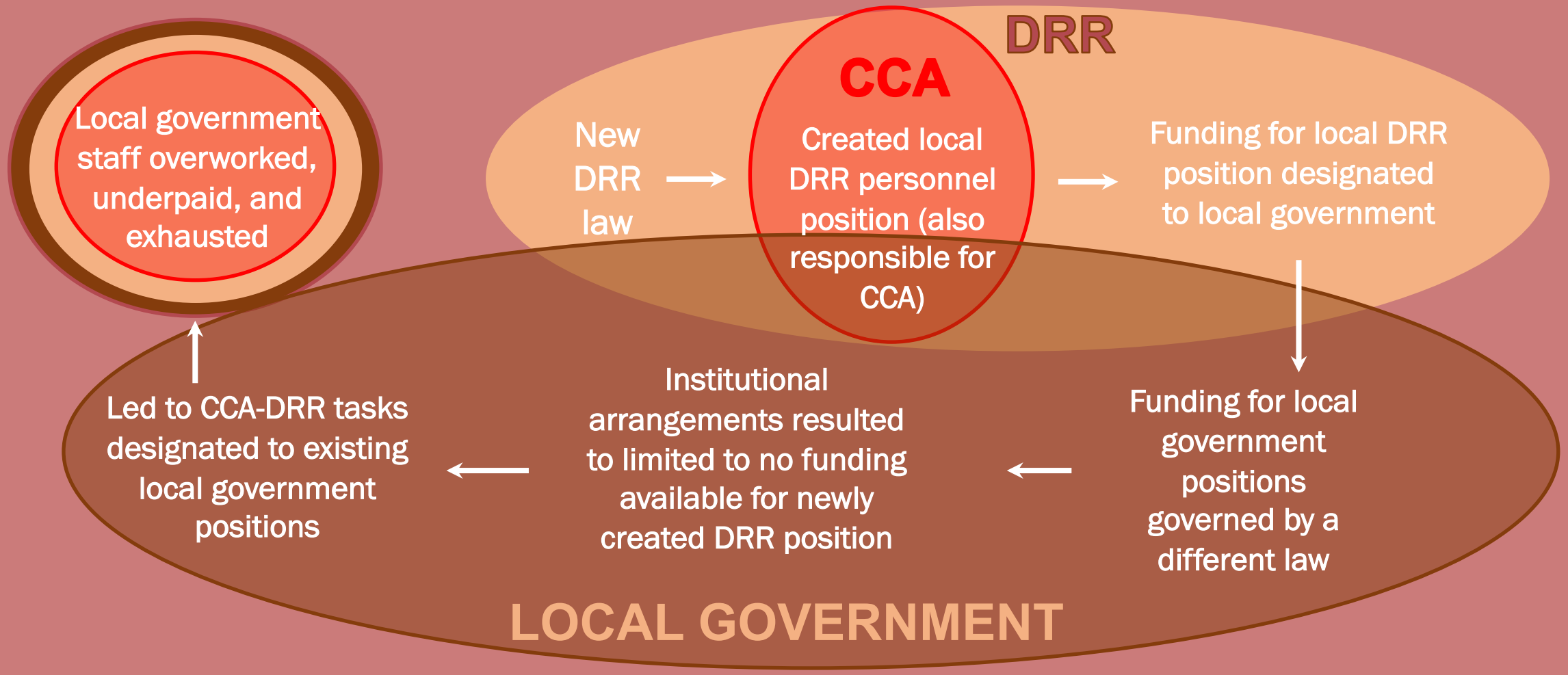
Institutional arrangement analysis: Early warning system

Institutions mobilize resource utilization

Human resources: Are there existing human resources to operate early warning system?

Financial resources: If government staff positions will be created, how will they be funded?

Example of linkages among institutional environments



Institutional arrangements in DRR law are counterproductive with arrangements in local government laws, affecting DRR, CCA, & local government institutional environments

Institutional interactions

Counterproductive

Contradicting

Neutral

Complementary

Overlapping

Redundant

Data sources

Primary data: surveys; shared learning dialogues; focus group discussions; key informant, expert, and key resource interviews; public consultations; and workshop results

Secondary data: laws; policies; regulations; memoranda; government orders; plans; organizational reports; related literature

THANK YOU