



Adaptation and Innovation for Food System Resilience

Community responses to climate disasters in the NWT



Presented By:

Janet Dean
Executive Director
Territorial Agrifood Association
Northwest Territories, CANADA

ed@nwtagrifood.ca

Our Website:

www.nwtagrifood.ca



Understanding Food System Resilience

Food system resilience is the ability of a community to maintain or quickly restore access to nutritious food in the face of shocks and stresses.



rising
temps

eractic
weather

melting
permafrost

flooding

forest
fires

Climate Change Impacts Food Security

Understanding these challenges is essential for developing effective responses that safeguard community food systems.



Disruption of traditional hunting and fishing

Soil Degradation

Acess to Markets/Supply Chain Disruption

Increase in Invasive Species

300 acre farm 1 year post forest fire devastation



Unique partnership - territorial government, community government, agriculture organization, researchers, local farmers



Community Led Adaptation Strategies



Community Gardens



**Firebreak Food
Production**



**Promoting Indigenous
Knowledge**



**Increasing Food Preservation
and Storage**



Opportunity for Innovation



Local Food Networks
(Fort Smith response to wildfire evacuation)

Controlled Environment Agriculture
(Response to short growing seasons)

Innovation and Demonstration Farm
(Hay River response to forest fires)

Building Stronger Food System Networks

Farmers + Indigenous Leaders + Researchers

Farmers + Policy Makers/
Governments + **Ag Associations**

Community Leaders





Thank You



Women in Agriculture NWT, Canada