

# Fly-in/Fly-out Mobility in Source Hub Communities: Potential Implications for Community Sustainability

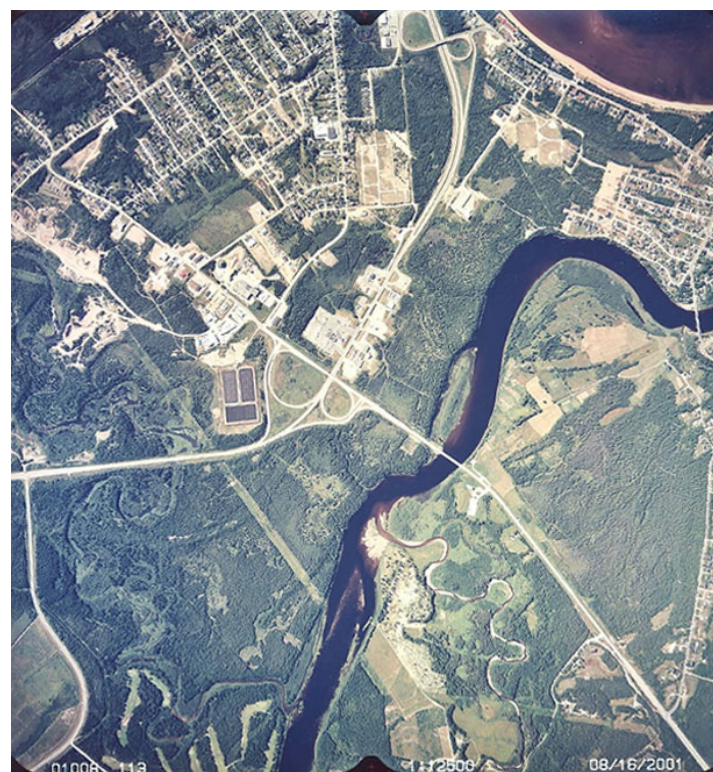
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# Bodies of Literature

- Airport Communities & E-RGM
  - FIFO
  - Community Impacts (Host, Source, Hub)
- Built Space
  - Planning/Land-use
  - Architecture



# Fly-in/Fly-out Mobility (FIFO)



Deer Lake Airport, December 2015

- Long-distance commuting arrangement involving work in remote areas<sup>1</sup>
- Employees transported to and from the worksite by airplane
- Food and accommodations provided for workers at the worksite<sup>2</sup>
- Employees spend fixed periods of time at the worksite and home in rotation<sup>3</sup>

<sup>1-3</sup> Storey, 2001

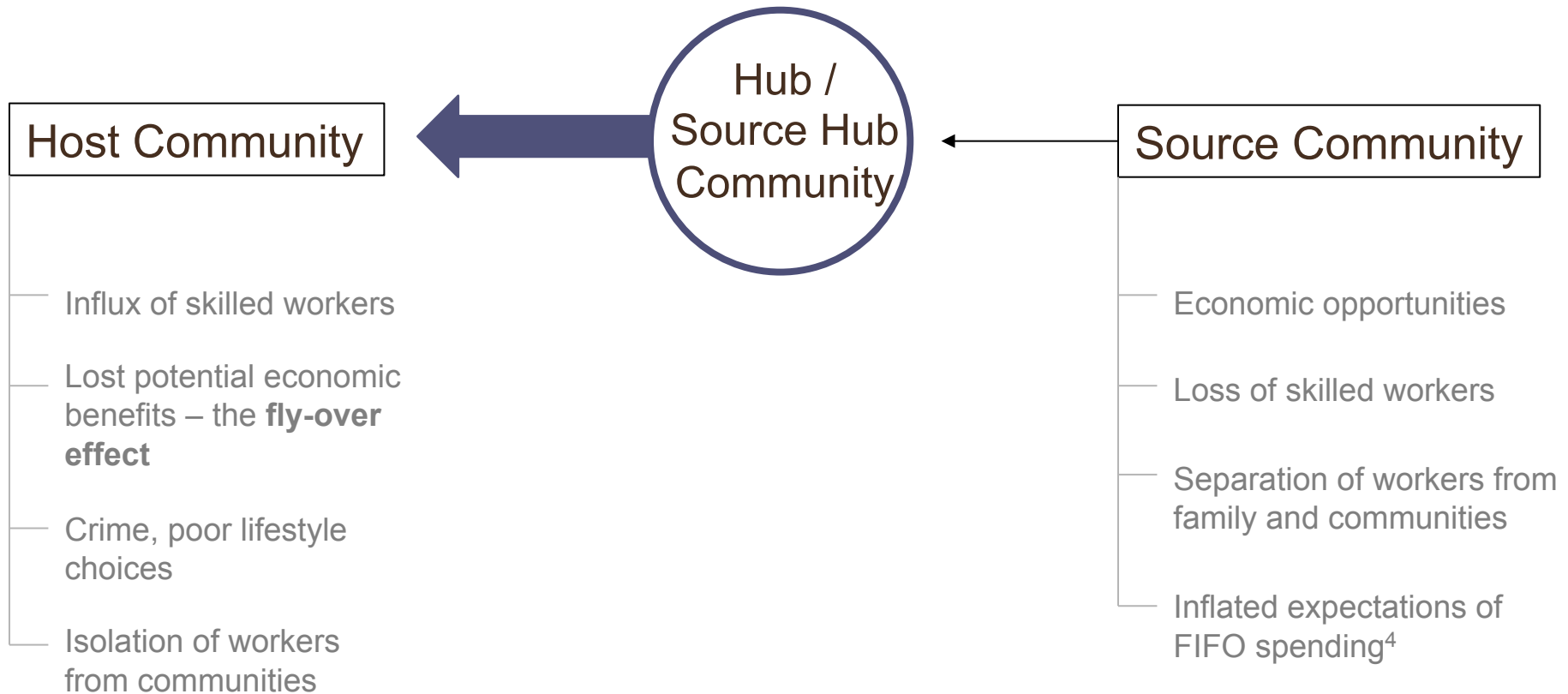
# In the Literature

## Defining Community Types



# In the Literature

## Community Impacts of FIFO



<sup>4</sup> McKenzie et al. 2014

# In the Literature

## Community Impacts of FIFO



Crime, poor lifestyle  
choices

Isolation of workers from  
communities

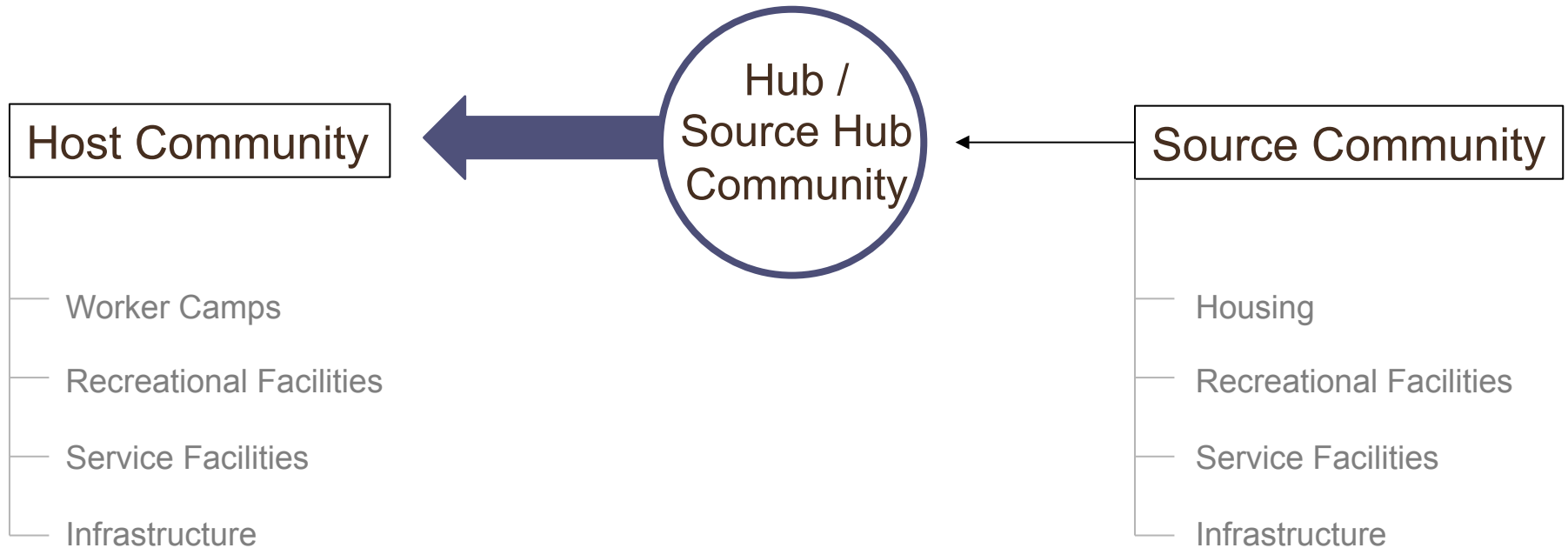
Separation of workers from  
family and communities

Inflated expectations of  
FIFO spending

Economic opportunities

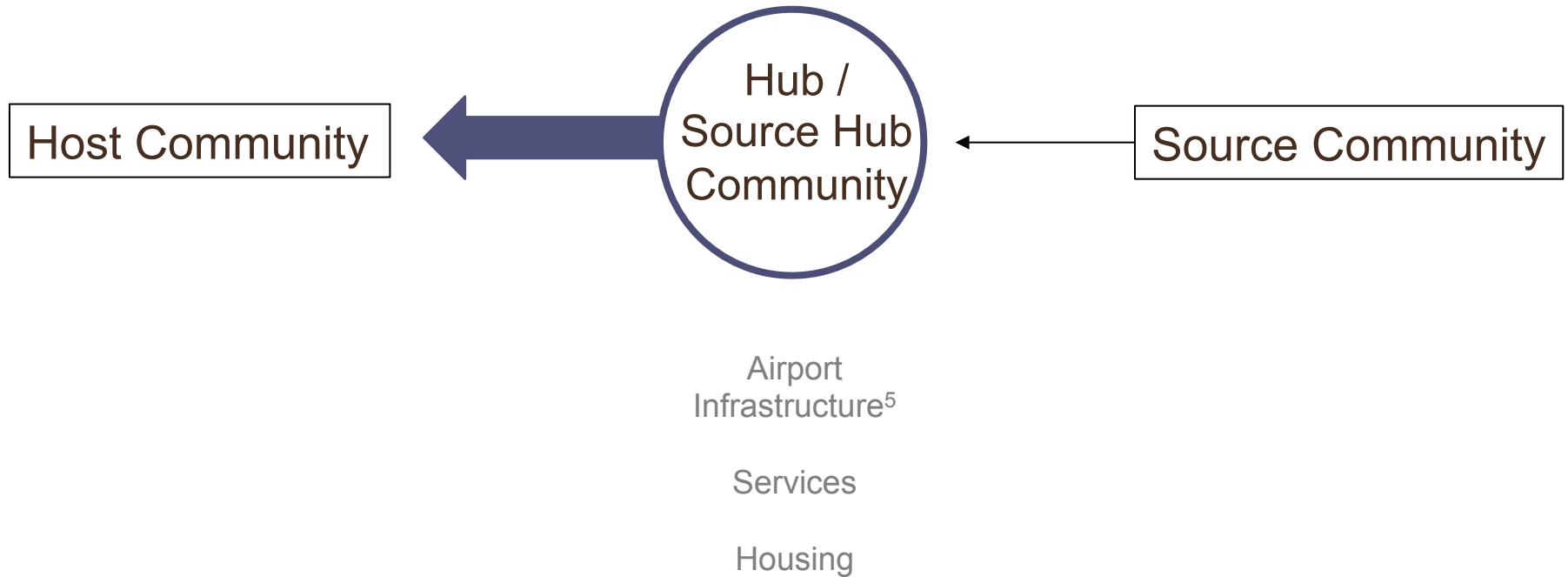
# In the Literature

## The Built Spaces of FIFO



# In the Literature

## The Built Spaces of FIFO



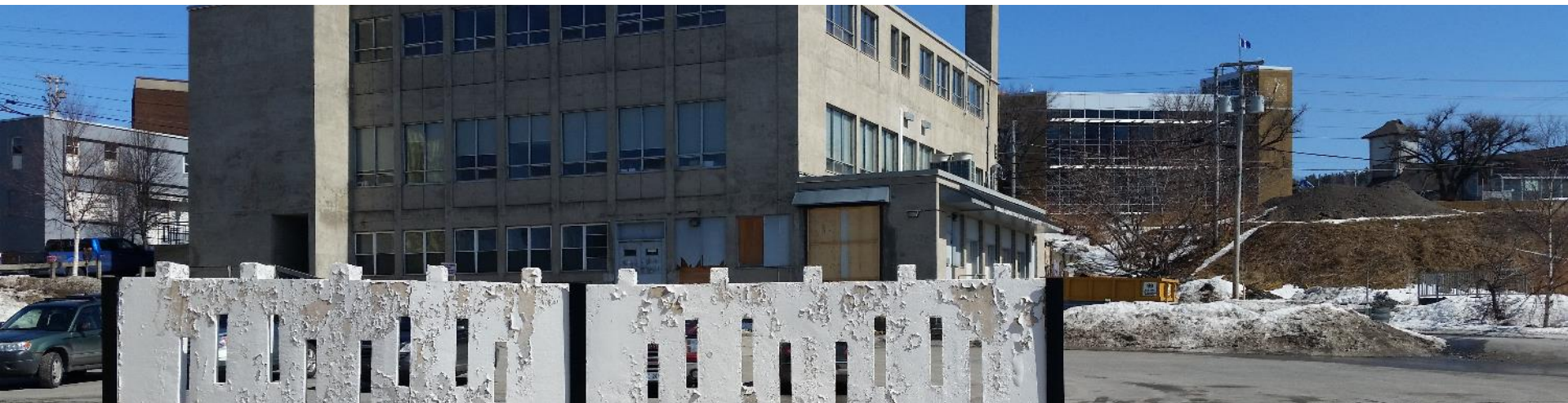
<sup>5</sup> McKenzie et al. 2014



# In the Literature

## Built Space

“...built spaces may be said to ‘tell’ stories. They have their own ‘vocabularies’ of building materials and their own structural relationships often understood by comparison with other spaces...the policy stories that buildings tell reflect the social issues, problems, and concerns of the place and time in which they are read.” (Yannow, 1995)



# In the Literature

## Source Hubs and Sustainability

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“...the emergence of targeted source communities or natural hubs has, to a degree, effectively re-created one of the most significant disadvantages of the single-industry community.” (Storey, 2016)

# In the Literature

## FIFO and Communities in NL

- Historical engagement with employment-related geographic mobility (E-RGM)
- Engagement of residents with FIFO work
- ‘Rural decline’
  - Youth out-migration
  - Aging demographic



Deer Lake Airport

# Proposed Research

## A Source Hub Community in NL?





# Proposed Research

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# Proposed Research

## A Source Hub Community in NL?



### Objectives:

- A) To determine whether Deer Lake NL may be considered a source hub community in the Canadian context,
- B) To identify changes in built space, planning, and land-use in Deer Lake resulting from FIFO E-RGM, and
- C) If changes have occurred, to identify potential environmental and/or socio-economic impacts in Deer Lake that may be attributed to FIFO and related changes in land use and built space

# Significance

If source hub communities exist in NL, could this model contribute to policy and planning strategies for the sustaining of rural communities?

What planning, policy and sustainability issues does being a source hub community raise, and how might these issues be addressed?





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