ANALYSIS ON INDONESIAN FOREST AND LAND FIRE CONTROLLING OPERATIONAL POLICIES

Case Study: Siak Regency, Riau Province
BACKGROUND

Policy change since 2015: less preventive – preventive (Meiwanda 2016)

Improper policy implementation to available regulations

Multisectoral impacts of fires, including GHG emission

Positive policy results: 71.5% hotspots reduction (KLHK 2017)
RESEARCH METHODS

Observation to actors’ roles

Actors’ roles

methods

1. Primary data: semi structured interviews & FGD. (key informant – snowballing method)
2. Secondary data: literature research
3. Actor mapping (Reed et al. 2009):
   - Interest level: based on ‘legal roles’ & activities

Legal roles?

LOW Interest

Is it working?

√

Fire control activities?

√

Fire control activities?

√


HIGH Interest

NO interest
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**Observation to actors' roles**

**Actors’ roles**

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   (key informant – snowballing method)

2. **Secondary data:** literature research

3. **Actor mapping** (Reed et al. 2009):
   - Interest level: based on ‘legal roles’ & activities

**INFLUENCE_LVL**

1. **Highly influencing:**
   High influence capability to other parties, marked by high accessibility
   and
   Potentially act as fire ignitor or reducer.

2. **Influencing:**
   High influencing other parties, with less potential as ignitor or reducer
   or
   Less influencing but potentially act as fire ignitor or reducer.

3. **Slowly influencing:**
   Gradually influencing to other parties, whether positively or negatively.

4. **No. influence:**
   No influence to the output of fire controlling program
Siak Regency

Study location
UTLIZED PARAMETERS: Which Legal Roles are Considered as Relating to Forest & Land Fires Control?

Article 1 of the Decree of MoEF No. 32/2016

- **PRE-FIRE ACTIVITIES:**
  1. Fire prone area mapping
  2. Community partnership
  3. Firebreaks making & arson prohibition
  4. Fire warning systems application
  5. Mon-ev
  6. Firemen preparation
  7. Peatland restoration
  8. Tools preparation & institutional empowerment
  9. Observation to causes of fires.

Article 7 verse 4 of the Decree of Gen. Director of Forest Prot. & Natural Cons. No. 23 /2014

- **DURING FIRES:**
  1. Early detection
  2. Stages and proper action determination.

- **POST-FIRE ACTIVITIES:**
  1. Collecting information
  2. Identification & rehabilitation
  3. Legal forces
  4. Mon-ev
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<thead>
<tr>
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<th>Involving Actors</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Communities</td>
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<td>2</td>
<td>Fire Concerned People (MPA)</td>
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<td>3</td>
<td>Task Force of Forest and Land Fire Control (Satgas Dalkarhutla)</td>
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<td>4</td>
<td>Manggala Agni</td>
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<td>5</td>
<td>Environment and Forestry Service of Riau Province</td>
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<td>6</td>
<td>Ministry of Environment and Forestry</td>
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<td>7</td>
<td>Local Government of Siak Regency</td>
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<td>8</td>
<td>Local Government of Riau Province</td>
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<td>9</td>
<td>Central Government</td>
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<tr>
<td>10</td>
<td>National Agency for Disaster Countermeasure (BNPB)</td>
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<td>11</td>
<td>Local Disaster Countermeasure Agency (BPBD) of Riau Province</td>
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<tr>
<td>12</td>
<td>Local Disaster Countermeasure Agency of Siak Regency</td>
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<tr>
<td>13</td>
<td>Concession holders</td>
</tr>
<tr>
<td>14</td>
<td>High educational institutions</td>
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<tr>
<td>15</td>
<td>National Aviation and Space Institution (LAPAN)</td>
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<td>16</td>
<td>National Meteorology and Geophysics Agency (BMKG)</td>
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<td>17</td>
<td>Non-government organizations</td>
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<td>18</td>
<td>Ministry of Interior</td>
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<td>19</td>
<td>Local and regional police departments</td>
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<td>20</td>
<td>Local and regional military services</td>
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<tr>
<td>21</td>
<td>Peat Restoration Agency (BRG)</td>
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</tbody>
</table>
ININVOLVING ACTORS

1. National Agency for Disaster Countermeasure (BNPB)
2. Local Disaster Countermeasure Agency (BPBD) of Riau Province
3. Local Disaster Countermeasure Agency of Siak Regency
4. Local and regional military services
5. Central government

**Should only for disaster countermeasures, in fire controlling activities (Law No. 24/2007)**

**No legal roles but obliged to involve within the program (Law No. 34/2004)**

**Imposing legally powerless policies:**
- Presidential instruction No.11/2015 – internal notes only w/o legal power
- Dismissal ultimatum to military officials during coordination meeting (Teresia 2018)

**NB:** Fires ARE NOT a disaster!
1. Not mentioned in Law No. 24/2007 about disaster
2. It’s a man made with purposes & can’t be accounted as a disaster
3. If it is, the perpetrators have the right to be pardoned (Coordinating Minister of Politic, Law & Security in 20

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MAP OF ACTORS: Governmental Institutions

1. BRG
2. MoEF
3. Local PD
4. Manggala Agni
5. Sat. Dalkarhutla
6. Riau Govt.
7. Riau Forest Serv.
8. Siak Govt.
9. Ministry of Interior
10. LAPAN
11. BMKG
12. BNPB
13. BPBD Riau
14. BPBD Siak
15. Local military
16. Central Govt.
Improper roles to some actors:

- Illegal complicity of some actors, i.e., BNPB/BPBD and military
- Unlawful decisions made by local administrator, e.g., on status establishments of fires
- Dampening the role of Ministry of Interior
CENTRAL GOVT DOMINATION

1. Lack of equipments esp. for peatland (Meiwanda 2016)
2. Lack of human resources and funds (Meiwanda 2016; Budiningsih 2017)
3. Large administrative area of Riau Prov. & distance among regencies (Meiwanda 2016)
4. Weak coordination among institutions (Meiwanda 2016; Budiningsih 2017)
5. Non-comprehensive fire controlling activities (Meiwanda 2016; Budiningsih 2017)

- BNPB/BPBD & military resolve: 1 -3
- Peat Restoration Agency (BRG): 5
- **Central govt. domination resolves: 1 - 5**
CENTRAL GOVT DOMINATION

Current institutional problems:

- Faulty regulation implementation, esp. for currently unlawful involvement of BNPB/BPPD & military
- Both institutions play vital contributions to resources, which are now lacking
- Strict with current regulations might lead to previous problems of human, financial, & equipment scarcity

Diminishing policy misconduct:

- To choose options that are marginally differ from the current policies (*the incrementalist model*) (Sutton 1999)
- Adjust the current regulation to legalize the incorrect involvement of BNPB/BPPD & military by setting complementary or revising regulations
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THANKS

どうもありがとうございます