**Tabel dan Gambar**

Tabel 1. Nilai *centrality* hubungan jaringan kekuasaan antar aktor

*Table 1. Centrality value relations between actors*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| No | Aktor (*Actor*) | *Indegree* | *Outdegree* | *Incloseness* | *Outcloseness* | *Betweeness* |
| A. | Kabupaten Atam (*Aceh Tamiang District)* |  |  |  |  |  |
| 1 | Kepala Desa (*Village head*) | 58.000 | 50.000 | 90.000 | 75.000 | 19.000 |
| 2 | KPH Wilayah 3 Regional (*forest management unit* ) | 32.000 | 43.000 | 90.000 | 60.000 | 18.333 |
| 3 | Perguruan Tinggi (PT) (*College*) | 5.000 | 40.000 | 81.818 | 64.286 | 8.833 |
| 4 | Dishut Prov (*Provincial forestry service*) | 47.000 | 39.000 | 81.818 | 60.000 | 3.833 |
| 5 | LSM (*NGOs*) | 3.000 | 27.000 | 75.000 | 75.000 | 0.000 |
| 6 | Tokoh Masyarakat (*Community leader*) | 44.000 | 24.000 | 75.000 | 47.368 | 3.167 |
| 7 | Masyarakat DPK (*Community of Aceh Tamiang*) | 43.000 | 23.000 | 52.941 | 50.000 | 2.333 |
| 8 | BPHM (*Mangrove forest management center*) | 5.000 | 14.000 | 50.000 | 52.941 | 0.000 |
| 9 | DKP Atam (*Marine and fishery services of Aceh Tamiang*) | 10.000 | 13.000 | 45.000 | 90.000 | 0.000 |
| 10 | Dshutbun Atam (*Forestry and plantation service of Aceh Tamiang*) | 33.000 | 7.000 | 34.615 | 60.000 | 1.500 |
| B. | Kota Langsa (*Langsa of City*) |  |  |  |  |  |
| 11 | KPH Wilayah 3 (*forest management unit* ) | 14.000 | 24.000 | 14.286 | 42.105 | 4.000 |
| 12 | DKPP Langsa (*Marine, Plantation, and Agricultural service of Langsa*) | 23.000 | 17.000 | 47.059 | 20.000 | 12.000 |
| 13 | Perguruan Tinggi (PT) (*College*) | 5.000 | 15.000 | 14.035 | 40.000 | 0.400 |
| 14 | Kepala Desa (*Village head*) | 20.000 | 14.000 | 42.105 | 19.512 | 0.400 |
| 15 | Masyarakat DPTT (*Community of Langsa*) | 17.000 | 13.000 | 42.105 | 19.512 | 0.400 |
| 16 | Tokoh Masyarakat (*Community leader*) | 16.000 | 13.000 | 42.105 | 19.512 | 0.400 |
| 17 | Dishut Prov (*Provincial forestry service*) | 14.000 | 12.000 | 14.286 | 38.095 | 0.400 |
| 18 | LSM (*NGOs*) | 4.000 | 5.000 | 34.783 | 18.605 | 0.000 |
| 19 | BPHM (*Mangrove forest management centre*) | 0.000 | 0.000 | 11.111 | 11.111 | 0.000 |
| C. | Kabupaten Atim (*Regency of Aceh East*) |  |  |  |  |  |
| 20 | Perguruan Tinggi (PT) (*College*) | 5.000 | 35.000 | 12.329 | 47.368 | 0.726 |
| 21 | KPH Wilayah 3 (*forest management unit* ) | 14.000 | 31.000 | 12.500 | 42.857 | 2.095 |
| 22 | Dishut Prov (*Provincial forestry service*) | 14.000 | 25.000 | 12.500 | 47.368 | 0.726 |
| 23 | Kepala Desa (*Village head*) | 30.000 | 19.000 | 47.368 | 16.667 | 4.512 |
| 24 | Tokoh Masyarakat (*Community leader*) | 30.000 | 14.000 | 47.368 | 16.667 | 4.512 |
| 25 | Dishutbun Atim (*Forestry and plantation service of East Aceh*) | 19.000 | 12.000 | 40.409 | 16.364 | 0.952 |
| 26 | Masyarakat HKm (*Community forest of East Aceh*) | 27.000 | 9.000 | 47.368 | 16.071 | 0.952 |
| 27 | DKP Atim (*Marine and fishery services of East Aceh*) | 11.000 | 6.000 | 37.500 | 16.364 | 0.952 |
| 28 | LSM (*NGOs*) | 0.000 | 5.000 | 10.000 | 18.750 | 0.000 |
| 29 | BPHM (*Mangrove forest management center*) | 6.000 | 0.000 | 13.846 | 10.000 | 0.000 |

Sumber: Data primer diolah (2016)

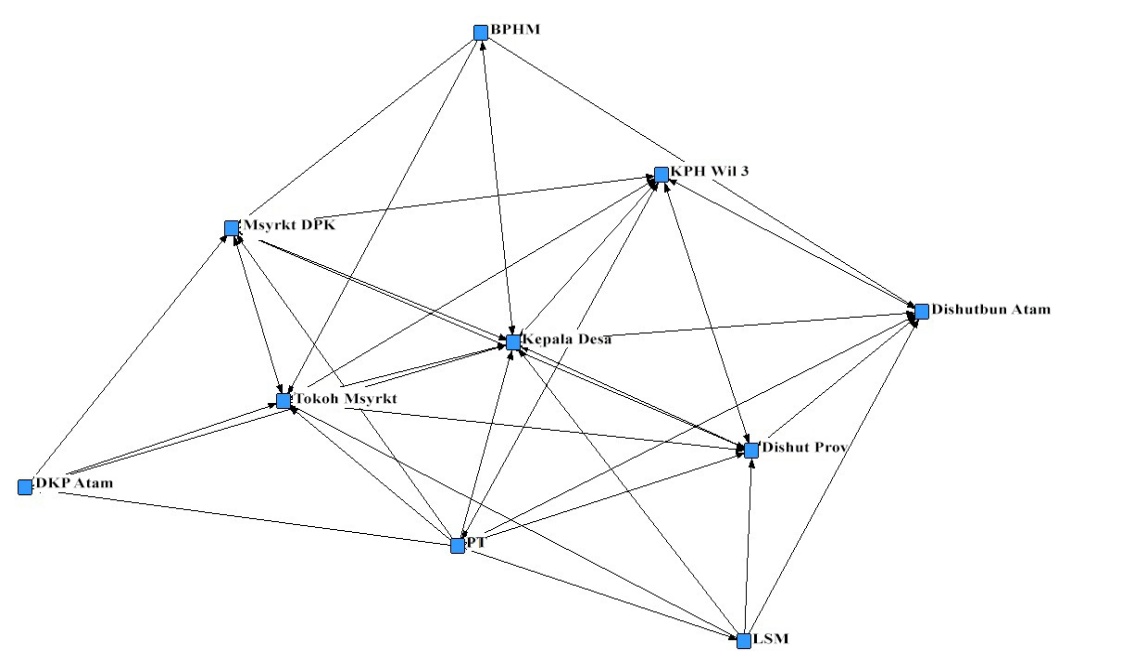
*Source: primary data procssed (2016)*

Tabel 2. Perbandingan penggunaan elemen kekuasaan di tiga wilayah studi.

*Table 2. Comparison of the use of power elements in the three study areas.*

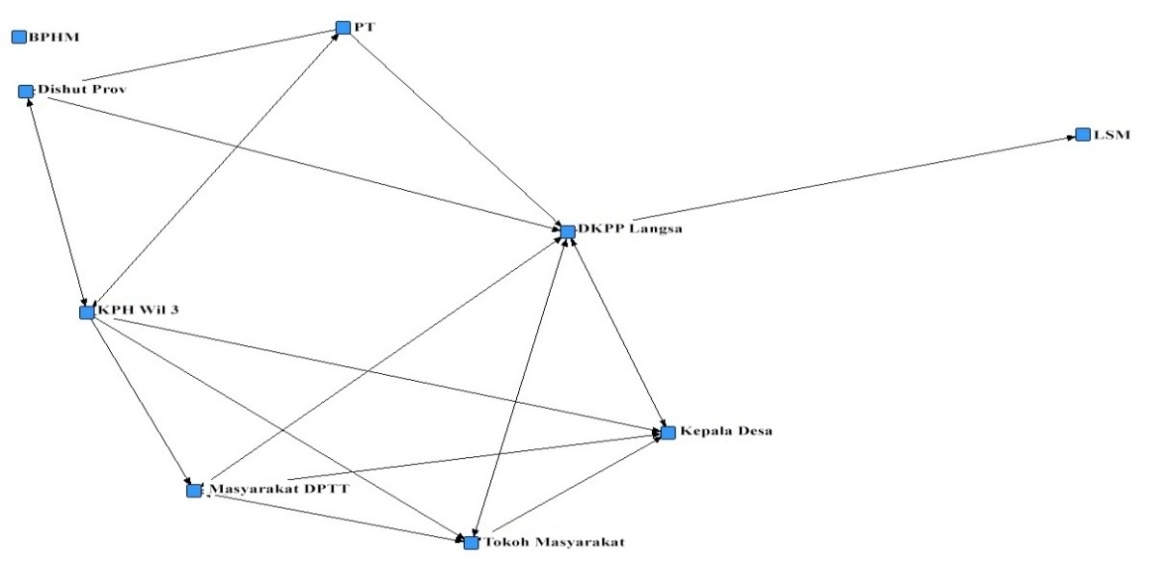
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Elemen (*Elements*) | Definisi  (*definition*) | DPK (*Village Pusong Kapal)* | DPTT(*Village Pusong Telaga Tujoh)* | HKm  (*Community forest*) |
| Paksaan  (*Coercions*) | Mengubah perilaku dengan kekuatan | Adanya MOU kerja sama dengan KPH.  Ada peraturan desa untuk perlindungan mangrove.  Ada aturan tak tertulis | Norma aturan tak tertulis | Adanya izin usaha pemanfaatan dan rencana operasional |
| (Dis) Insentif  (*Dis*-*Incentive*) | Mengubah perilaku dengan keuntungan /kerugian | Aspek legalitas, pemanfaatan hutan, HHBK, dan jasa lingkungan.  Adanya sanksi dan denda | Perlindungan kawasan hutan.  Adanya sanksi dan denda | Pemanfaatan kawasan, penanaman, pemanfatan jasa lingkungan, pemanfaatan HHBK, pemungutan hasil hutan kayu dan pemungutan hasil hutan bukan kayu  Adanya sanksi administrasi |
| Informasi yang dominan  (*Dominant Information*) | Mengubah perilaku dengan informasi unverified | Adanya kepercayaan, Tidak memverifikasi informasi | Adanya kepercayaan, Tidak memverifikasi informasi | Adanya kepercayaan dan kewajiban, Tidak memverifikasi informasi |

Sumber: hasil wawancara dengan informan dan pengamatan lapangan (2016)  
*Source: interviews with informants and field observations (2016)*

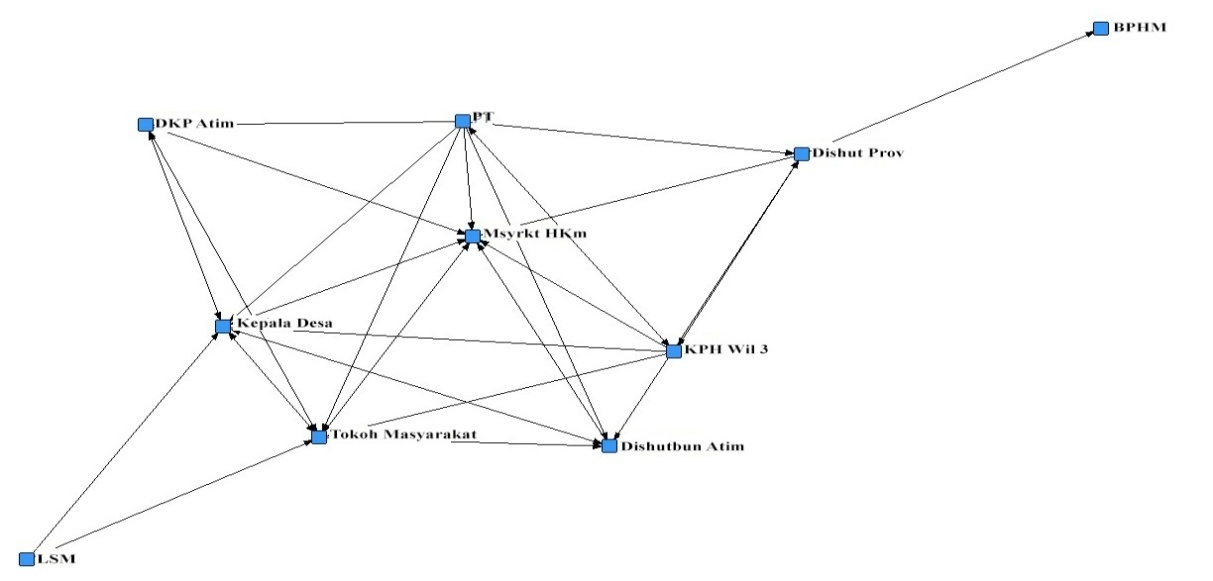


Gambar 1. Representasi interaksi para aktor dalam jaringan di Kabupaten Aceh Tamiang.

*Figure 1. Representation of actor interactions in the network in Aceh Tamiang District.*



Gambar 2. Representasi interaksi para aktor dalam jaringan di Kota Langsa.  
*Figure 2. Representation of interaction of actors in the network in Langsa City.*



Gambar 3. Representasi interaksi para aktor dalam jaringan di Kabupaten Aceh Timur.

*Figure 3. Representation of interaction of actors in the network in East Aceh District.*