CLEAN Social Network Analysis

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CLEAN

Nationally renowned, award-winning, online clearinghouse featuring:

- Collection of 800+ high-quality, peer-reviewed climate and energy education resources
- Pedagogic support/classroom readiness guidance
- Vibrant community of practice (CLEAN Network)
The CLEAN Network is a community of practice of climate and energy education professionals committed to improving climate and energy education efforts.

Vibrant community of educators, scientists, science educational professionals, government agency reps, etc.

Active email list

Weekly teleconference calls
CLEAN Network
Information

Survey Results
Our Work

- Education & Action/Community Engagement largest
- Policy smallest
- Work with youth, students, educators
Membership

- Most joined in last ~decade
- Consistent new membership
Email
Conferences
Social media

(CLEAN emails are read sometimes to frequently)
- Organizations with highest degree centrality across four dimensions were independent (Education, Action, DEIAR, Workforce). Others were CLEAN partners, leadership board members, and organizations with ties to central figures in CLEAN Network.

<table>
<thead>
<tr>
<th>SNA Measures</th>
<th># Nodes</th>
<th># Ties</th>
<th>Average Degree</th>
<th>Density</th>
<th>Components</th>
<th>Connectedness</th>
<th>Diameter</th>
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<tbody>
<tr>
<td>Education-People</td>
<td>403</td>
<td>616</td>
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<td>Action-People</td>
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<td>DEIAR-People</td>
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<td>0.003</td>
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<td>78</td>
<td>0.109</td>
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</table>
EDUCATION ORGS
CLEAN Membership

- Member
- Non-member
Grow the Network
Send invitations to non network members
Ask key nodes to send invitations to connections

Increase Centrality
Invite key nodes to participate more
Find ways to make more connections (e.g. ACCELS)

Landscape Analysis
Survey connections listed and reanalyze data to get a better picture of the larger climate education field (defined broadly)

Funding??
With ACCELS evaluation data, hoping to use this to find funding for CLEAN Network activities
Conclusions

- CLEAN is professionally diverse
- People find value in CLEAN
- CLEAN can be considered a backbone organization for climate education work
- CLEAN is important for sharing information
  - Communication happens through the network
- Bridgers are important for connecting members & non members as well as regional hubs
- CLEAN strongest in education with bridges to other fields/dimensions
THANKS

Questions?

Please follow CLEAN updates

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