CS 4320 / 7320 Software Engineering
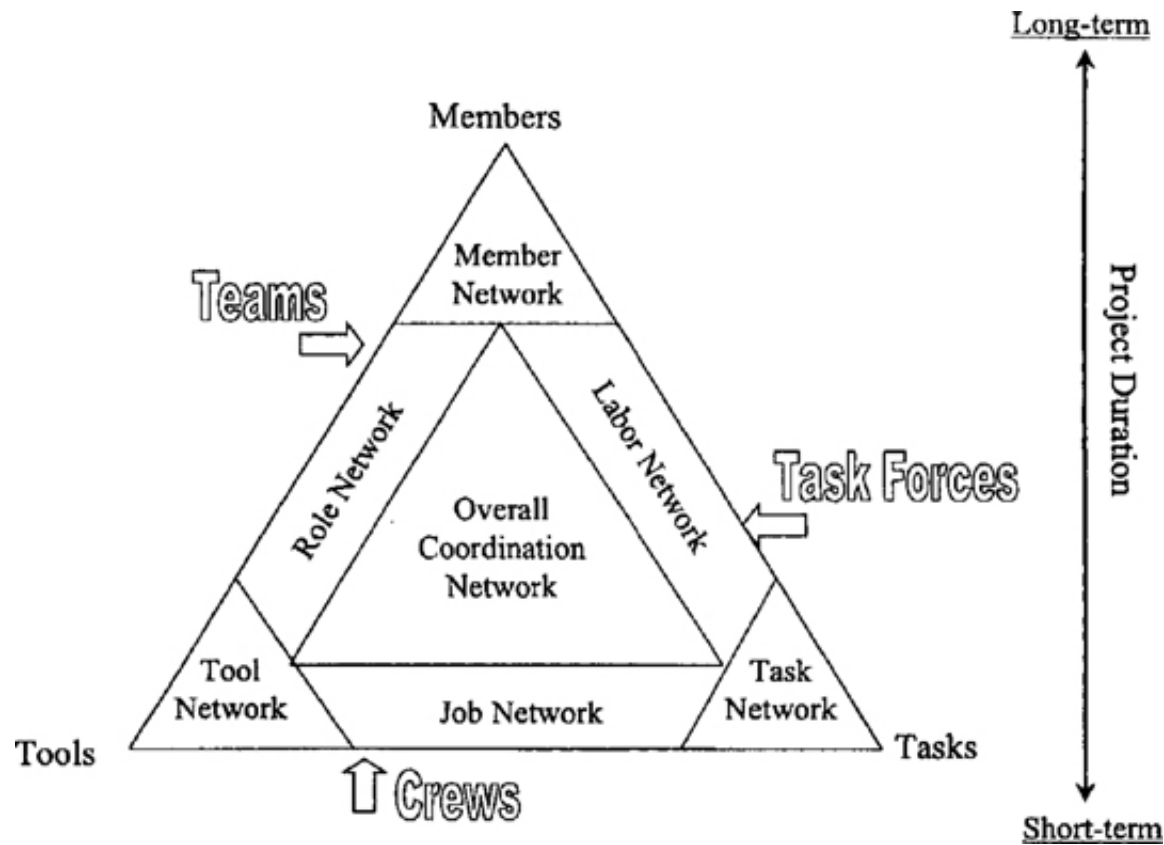
Groups and Teams

Teams and Groups
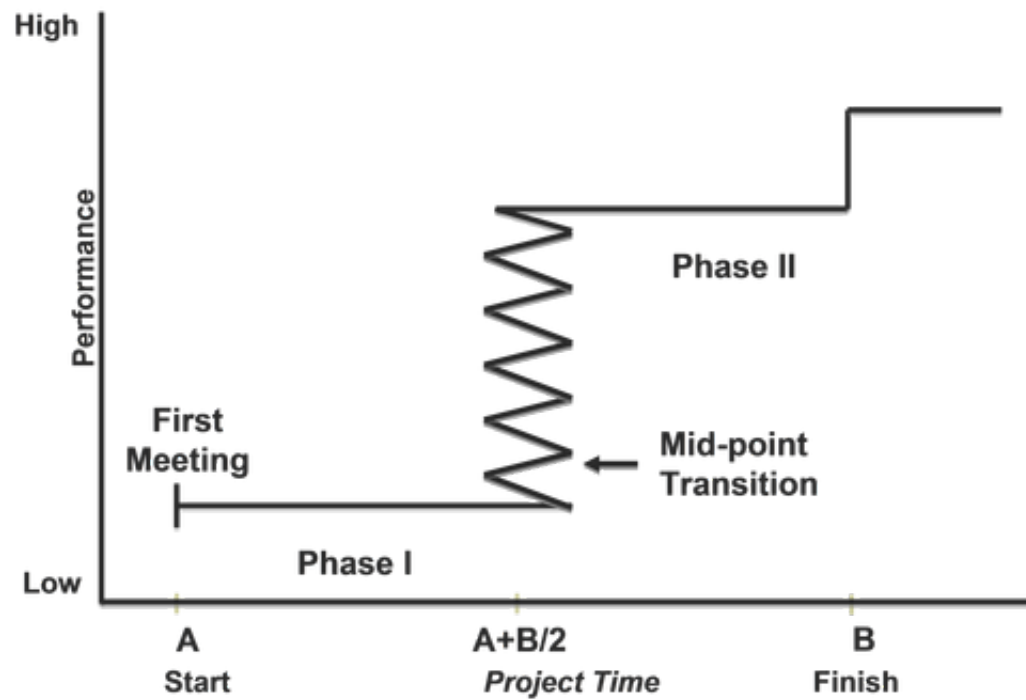
	external organiser	no external organiser
Work related goals	teams, task forces, crews	ad hoc task forces
Socially motivated goals	social clubs, societies	social friendships, clans

Figure 1 - Taxonomy of Groups (adapted from Arrow et al., 2000)

Teams and Groups

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Teams and Groups: Punctuated Equilibrium

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Coordination, Cooperation & Collaboration

The Different Kinds of Working Together

Coordination aids in objective but not sufficient for cooperation

Coordination
Let's achieve a common activity

- Shared interests
- Well-defined process
- Employed when tasks can't be accomplished alone

Cooperation
Let's improve something

- Common going in model and some shared interests for working together
- Partially defined process
- Required for separate activities that converge into a shared results but have well-understood outcomes

Collaboration
Let's create something new

- Shared and unshared interests
- Emergent co-creation with mutually negotiated rules
- Dynamic on-the-fly processes
- Various outcomes, expected and unplanned both

Collaboration required when dealing with the unknown and divergent points of view

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