Environmental Peacebuilding Strategies in the Middle East: The Case of the Arava Institute for Environmental Studies

Asaf Zohar, Stuart Schoenfeld, Ilan Alleson

Abstract
This paper examines the Arava Institute for Environmental Studies, focusing on organizational strategies for advancing environmental and peacebuilding efforts across Israel, Palestine and Jordan. The paper will argue that by developing a continuing resource base and a distinct organizational culture, the Arava Institute is able to act as a protective buffer in a region of conflict. It seeks to transform its surrounding societies through three main strategies: 1) by aligning its organizational culture with the life plans of the students who participate in its work; 2) by building both bridging and bonding social capital and; 3) by using this social capital to create new environmental networks both regionally and globally. The analysis highlights the ability of the organization to cultivate a culture of organizational learning, so that it is able to adapt to its changing context while at the same time remaining true to its core mandate.

Introduction
While most peacebuilding efforts in the Palestinian-Israeli conflict have collapsed, a small network of environmental peacebuilding organizations has continued its work. In this paper, we contrast the failure of “people-to-people” peacebuilding with the survival for more than a decade of the Arava Institute for Environmental Studies, which brings together students from the region on a common agenda of university level environmental education. The paper pays particular attention to an organizational-level analysis of the institute, examining factors contributing to organizational survival in turbulent conditions, and organizational strategies for transforming their societal environments. The paper will argue that by developing a continuing resource base and a distinct organizational culture, the Arava Institute is able to act as a protective buffer in a politically unstable environment. It seeks to transform its surrounding society by aligning its organizational culture with the life plans of the students who participate in its work, by building both bridging and bonding social capital and using this social capital to create new local and global networks. The analysis highlights the ability of the organization to cultivate a culture of organizational learning, so that it is able to adapt to its changing context while at the same time remaining true to its core mandate.

The Failure of the “People-To-People” Initiatives
A 2006 issue of the Palestine-Israel Journal of Politics, Economics and Culture (PIJ) (2006) examined the failure of the “people-to-people” initiatives of the late 1990s and early 2000s. These were attempts to “deepen the peace” by bringing together Palestinians and Israelis in order to learn to understand each other. The editors of this issue of PIJ write in their introduction, “The contact between Palestinians and Israelis appeared to fail to produce any meaningful influence on the attitudes of the participants within and beyond the time frame of the meetings” (Perlman and Nasser-Najjab: 6). People-to-people projects are described as
Thinking about Future Initiatives by Asking “What Went Wrong?”

Despite the perception of failure, contributors to the PIJ share the view that “there is still a meaningful role for people-to-people to address the current situation” and wrote about why people-to-people failed, with the intention of “fixing” it—that is, illuminating the factors contributing to this failure (7). The most common explanation for the failure of people-to-people given in the special issue of PIJ is the loss of support from political leadership on both sides. Programs to bring Palestinians and Israelis together went ahead despite the lack of political support, but contentious relations between the Israeli government and the Palestinian Authority were often mirrored inside people-to-people groups. Contributors to the PIJ special issue also comment that reliance on foreign donors drove program design, gave priority to writing reports of “success” in order to justify continued funding, and encouraged opportunistic behavior (Liel, 2006; Tamari, 2006; Nasser-Najjab, 2006).

A separate evaluation by Herzog and Hai (2005) adds to this list of problems—short term funding, ineffective use of funds, different perceptions inside and outside the programs, unrealistic expectations, technical problems, competition for funds, and the difficult debate over whether Palestinian cooperation in people-to-people programs constituted “normalization.” However, the strongest theme that appears throughout the study is the same as those of the PIJ special issue—the lack of a “legitimization strategy.” Neither the Israeli government nor the Palestinian Authority gave people-to-people programs the political support they needed to be models of transformative relationships between Palestinians and Israelis. Nor did the international funders have a strategic vision of how the limited funds they committed were to have a major social impact in the face of widespread skepticism and official indifference or hostility. Despite these lackluster results, Herzog and Hai, like most of the contributors to the special issue of the Palestine-Israel Journal, continue to support the people-to-people initiative “as an important vehicle for reframing discourse and challenging existing perceptions” (Herzog and Hai, 2005; 42). They recommend much more adequately funded future people-to-people activities, supported by “a multi-pronged legitimization effort” (Herzog and Hai, 2005; 41) and an “inter-sectoral dialogue” of activists and funders (43). This evaluation echoes similar points made by Baskin and Al-Qaq (2004).

The Survival of Peacebuilding: The Importance of Studying Organizational Characteristics

In contrast to the extended discussion of ‘what went wrong,’ a short piece by Cohen in the PIJ special issue (2006) about the Arava Institute of Environmental Studies is, in contrast, positive. Cohen is not alone in finding positive experiences to report. Others have written of both failures and successes (Abu-Nimer,
In situations where peacebuilding requires a longitudinal-time frame, it is important to study not only program design, but also to examine the role of organizational characteristics that have allowed some peacebuilding activities to continue even as others have been unable to sustain themselves. This approach suggests a research focus on organizations as tools for societal transformation (Armstrong and Bernstein, 2008; McCarthy and Zald, 1977; Morgan, 2006; Wallach, 2002; van Woerkom, 2004). Maoz examined characteristics of six peacebuilding organizations and projects that continued to function after the September 2000 surge in political tension and increase in violence. She concluded that the outstanding characteristic they shared was “the high degree of equality and symmetry between Israeli-Jews and Palestinians.” They had co-directors with equal authority over decision-making, and locations on the West Bank in addition to, or instead of, Israel and used English as a neutral language (2004: 569).

The organizational structures of some of the surviving initiatives in environmental peacebuilding, such as EcoPeace/Friends of the Earth Middle East and the water and environment division within the Israel Palestine Center for Research and Information, correspond to what Maoz has described. The Arava Institute for Environmental Studies, however, has different, and in some respects unique, organizational characteristics. The following examination looks first at the institute’s organizational culture—the ways in which it builds social capital—and how it integrates its mission with the life plans of the students who attend. Second, it examines the ability of the organization to inspire a culture of organizational learning, so that it is able to adapt to its changing context, while at the same time remaining true to its core mandate. Data is based on: 1) an on-going multi-year research project on the Arava Institute and its alumni and 2) participant observation. The intent of the paper is to further contribute organizational level analysis useful to those designing future peacebuilding initiatives.

Organizations as Instruments for Social Change

In contexts where a deteriorating political atmosphere makes people-to-people activities more difficult, organizational culture can act as a buffer, supporting shared intergroup values and behavioral expectations (Scott and Davis, 2007; Wilkins, and Ouchi, 1983). A continuing organization can also be a source of social capital (Nahapiet and Ghoshal, 1998), providing routine routes through social networks in order to access the financial, personnel, and expert resources. Continuing organizations, particularly those that are well-networked, are resources for participants as they negotiate life plans incorporating the values they share with the organization.

Organizational Culture as a Protective Buffer

Organizations can act as buffers to a negative political atmosphere by creating frameworks of shared meaning that give participants an alternative set of values and an alternative way of interpreting events. Organizational cultures also have shared behavioral expectations, communicating, for example, the kinds of acts that are destructive of social relationships and thereby setting limits. Where these expectations are based on a culture of mutual respect, they train people in the skills of getting along. Finally, continuing organizations as cultures of shared values and mutual respect not only promote these values and behaviors but also model them (Scott and Davis, 2007).

The Arava Institute for Environmental Studies opened in 1996, in the period that people-to-people programs were being established. Located on a kibbutz near the Jordanian and Egyptian borders, it was intended to be a regional center of environmental teaching and research, recruiting a mixed student body. In that sense, it resembled people-to-people programs. However, while the organizational culture developed at
the Arava Institute draws on the shared meaning of people-to-people programs, it draws on other systems of meaning as well. The Arava Institute is a residential university program. Conventional understandings of university education and what life is like on a residential campus are a strong source of shared meanings and behavioral expectations at the institute. People relate to each other through the roles of student, staff, and faculty, and have conventional behavioral expectations about those roles. The institute’s culture also draws strongly on the understandings and behavioral norms which are shared among environmentalists. The culture of the kibbutz on which the institute is located also affects the institute’s culture.

The institute has been self-conscious about having a clear vision statement, which reads: “The Arava Institute for Environmental Studies will provide the Middle East a new generation of sophisticated professionals that will meet the region’s environmental challenges with richer and more innovative, peace-building solutions.” The associated mission statement continues,

“Our mission is to create a world-class environmental teaching and research institute at Kibbutz Ketura, which will:

· Deliver teaching at the highest quality and level.
· Play a leading role in research, conservation, environmental protection, and sustainable development.
· Prepare future Arab and Jewish leaders to cooperatively solve the region’s environmental challenges.
· Teach future leaders from all over the world that nature knows no borders.” (Arava Institute, 2010)

Students with different backgrounds share accommodations, take classes and field trips together, and are together in their spare time for a semester (4 months) or a full academic year (8 months). Some stay longer as interns in various capacities. Cohen (2006:53) writes that this immersion experience in a supportive organizational culture enables participants to forge relationships based on trust, which is vital to honestly tackle the painful realities of the Arab-Israeli conflict.

Enrollment has ranged from a low of 15 to a high of 45 students. About one-third of the students are Jewish Israeli; one-third Arab and Arab Israeli; and one-third foreign, almost all from North America. The North American students are typically from that segment of society that is convinced of the seriousness of the environmental crisis and that advocates an Israeli future based on mutual accommodation with Palestinians, the Israeli Arab minority, and surrounding countries.

The institute’s organizational culture promotes an environmentalist perspective on the region. The institute provides a space where aspects of regional environmental issues that are marginalized by nationalist discourses can be acknowledged. In the region, rising numbers of people and rising expectations regarding the standard of living collide with depleted and degraded natural resources, widely differential access to natural resources, woefully inadequate conceptions of ecological responsibility, and the potentially devastating local effects of global climate change (ARIJ, 2007; Tal, 2002). The institute is a place where this collision can be acknowledged and the response of informed social mobilization can be fostered. The institute has positioned itself outside of the discourses of “security” and “steadfast opposition,” cultivating, instead, an emergent narrative of regional identity based on a common ecology.

Part of the institute’s environmentalist culture is its approval of grassroots activism and advocacy. For example, students joined national demonstrations against the trans-Israel highway and the expansion of Israel’s southern airport into the ecologically sensitive Ein Evrona reserve. Since 2002, Sababa, the Center for a Healthy Environment in the Arava, has been housed at the institute. The institute continuously advocates for easing restrictions on Palestinians who apply to study in Israel, a position consistent with both its mandate and its interests. During the Second Intifada, Palestinian applicants could not get residence permits, and the institute had to draw its Arab students from Palestinians in Jerusalem with Israeli residence, Israeli Arabs, and Jordanians. The institute joined GISHA, the Centre for the Legal Protection for the Freedom of Movement, in its successful petition to the Israeli Supreme Court against the Israeli Defense
Force’s sweeping ban preventing Palestinians from studying in Israel.

A few years after opening, the institute created the Peace-building and Environmental Leadership Seminar (PELS) as a required (but non-credit) part of its program. The seminar includes “discussions, workshops, guest lectures, and field trips that provide a forum for every student at the Arava Institute to investigate aspects of the social and political context in which environmental problems develop, as well as the kinds of relationships needed to foster a more just, peaceful, and ecologically secure future” (Arava Institute, 2010). The similarity of PELS to people-to-people meetings is readily apparent, as are its differences. PELS takes place over several months, among people who are living together. PELS sessions are explicitly set up as places where conversations start, but where they are not concluded.

Reinforcement of the organizational culture continues after students leave. The institute is sending alumni out into the world to be agents of change. The alumni coordinator, a senior staff position, assists with professional development, circulates employment opportunities and information about graduate programs, and networks students from different years who have similar interests. Networking with alumni was supplemented in 2005 with the first conference of the Arava Peace and Environment Network (APEN), which met in Aqaba, Jordan. At the 2006 APEN meeting, control was passed to an alumni steering committee, which subsequently organized alumni conferences and a Facebook page. A private online network established by the institute further enables alumni from different years to organize, share resources, and deliberate current events.

Alignment of organizational culture and individual life plans and the importance of social capital

An organization that has an agenda of social transformation will be concerned with the alignment of its values and behavioral expectations with the lives of its participants. Literature on intergroup contacts has been critical of “inoculation” perspectives on change – the approach that one powerful experience, perhaps with “booster shots” later, will change people sufficiently to turn them into autonomous change agents. Rather, an organization with an agenda of social transformation can recruit those whose values are congruent with those of the organization, work to show participants how living by these values can be part of an unfolding life-plan, facilitate life choices that allow living by these shared values, and be a continuing resource to individuals whose life-goals are congruent with those of the organization.

The concepts of “bonding” and “bridging” social capital capture the change-oriented organization as a buffer insulating an alternative culture, a hub in supportive personal and inter-organizational networks, and a practical resource for those with congruent values. As developed by Bourdieu and Coleman, social capital is understood as an attribute of relationships. As they see it, “to possess social capital, a person must be related to others, and it is those others, not himself [sic], who are the actual source of his or her advantage” (Portes, 1998:7). Putnam, among others, argues that, for the connections between individuals and networks to have value, the connections must be frameworks for reciprocity and trust (2000). Putnam further distinguishes two forms of social capital: bridging (or inclusive) and bonding (or exclusive) (2000:19).

Bonding forms suggest an inward focus, typically implying a homogenous composition of participants nested within particular social networks (Putnam, 2000:22). Bridging social capital implies connections and social relations among diverse individuals that transcend ethnic, class, gender, sexuality, religion, or other lines. Whereas bridging social capital can generate new and broader identities, bonding reinforces membership in more homogenous groupings (Putnam, 2000:23). Bonding produces solidarity and trust. Bridging gives network participants access to a wide range of resources.

The Arava Institute has developed a set of practices based on both bonding and bridging. During the four or eight months at the institute, many students bond – with each other, with faculty and staff, and with the ideals of the institution. With these bonds, they have acquired resources they can use – friends to stay with when traveling; potential colleagues for future projects; contacts when they are investigating educational and career opportunities; faculty, staff, and peers to go to for references; people with whom they have learned how to talk and can trust when they need to talk about the Middle East.
This bonding is also a strategy for bridging. Arava students are not a homogeneous group; they come from, and go back to, very different places. Many return having learned things that most people in their home groups have not had the opportunity to know. The time at the institute can be something of a liminal experience, where a person leaves a social status, goes through an intense experience, and is then returned--the same person but changed. Interviews and informal discussions with alumni indicate that this is fitting for the stage of life and the kinds of people who choose to come to the institute. They are personally in a process of change, aware of being members of societies in a process of change.

Bonding extends to faculty and staff. Classes are small; teaching is personal. Almost all staff and a few faculty members live on the kibbutz and are part of the immediate social world of institute students. Staff and faculty have, of course, formal bridging obligations. They go on recruitment trips, conduct interviews with applicants, expose students through coursework to a range of possible career options, steer students toward further study or specific work, write letters of reference, and otherwise—through their research and public policy involvements—cultivate personal and institutional connections that can help students achieve their own goals along with the transformational goals of the institute.

Using social capital to create regional and global environmental networks

As an academic institution, the Arava Institute has formal relationships with other academic institutions. Academic credits were initially granted through a relationship with Tel Aviv University. The institute has now established a relationship with Ben Gurion University. The institute and Ben Gurion University established a joint Master’s program and closer cooperation appears to be developing. The institute has also established an exchange program with the Faculty of Environmental Studies at York University in Toronto, which regularly brings former Arava students to York for graduate studies.

The research agenda of the institute and its ties to local environmental advocacy are other forms of bridging. The director of research, like the alumni coordinator, is a key staff position. The institute participates in projects as partners with Palestinian and Jordanian researchers and research organizations. These projects include developing policy options for the Dead Sea, transboundary stream restoration, and a study of health effects from exposure to airborne particles (See Brenner et al, 2002; Lipchin et al 2007). These projects involve links with international networks of research funding, and have brought regional conferences to the institute on a regular basis. While the institute did not begin with a strong technological orientation, a link to that sector may be developing with the establishment of The Arava Power Company, a solar power research center associated with the institute.

The institute has strengthened its social capital by developing the Friends of the Arava Institute. Friends of the Arava Institute is a fundraising initiative, registered as a charity in the United States. In developing this initiative, FAI has created a board whose members bring institutional contacts and legitimacy, as well as fundraising opportunities. Materials produced and circulated by FAI also promote the public profile of the institute.

Another form of bridging occurs via the relationship of the institute to the kibbutz. The institute is a separate legal entity from the kibbutz. Through its development, the institute has had a major impact on the kibbutz: as a tenant on a significant part of its landscape, as a source of employment, and as a socially valuable initiative that the kibbutz can support. The issue of complementary development of the kibbutz and the institute is an important and intimate one for both parties.

Organization Learning at AIES: Surviving and Thriving through Change

The Arava Institute for Environmental Studies (AIES) was founded at the same time as many other peacebuilding initiatives and has changed in order to survive when most peacebuilding initiatives collapsed. Literature on organizations suggests that the reasons for the survival of some over others can be linked to their capacity to promote both individual learning and organization-wide processes. Cook and Yanow
characterize theories of organizational learning as either focusing on learning by individuals in organizational contexts, or on individual learning as a model for organizational action. Organizations are founded with strategies responsive to specific historical moments. Changes in the context in which organizations work introduce stress at different points in the organization, including pressures to alter core strategies, recruitment and retention of staff, financial resources, as well as changes to products and services. These strains can make an organization ineffective and unsustainable, especially if it is unable to address these challenges through successful learning processes (Chiva and Alegre, 2005).

Collective learning processes in organizations play a critical role in promoting adaptation and strategic renewal under conditions of uncertainty, turbulence, and change (Chiva and Alegre, 2005; Dooley and Van de Ven, 1999; Frank and Fahrbach, 1999; Lewis, 2000; Senge et al, 1990,1994, 1999; Wenger, 1998). Organization theorists have developed many conceptual formulations of organizational-level learning that attempt to capture the nature and significance of these processes of individual and collective learning, and the critical role they play in sustaining organizational adaptation and creative regeneration (Cameron, and Quinn, 1999; Dixon, 2000). Senge (1990: 3) describes such ‘learning organizations’ as: “…organizations where people continually expand their capacity to create the results they truly desire, where new and expansive patterns of thinking are nurtured, where collective aspiration is set free, and where people are continually learning to see the whole together.”

Learning organizations create a context that promotes individual and collective learning as a core characteristic of their shared identity. A key dimension that distinguishes learning organizations is their ability to create shared norms, beliefs, and values that promote learning processes across all organizational activities. Since organizational culture is commonly characterized by shared norms, beliefs, and values (Smircich, 1993), it is apparent that collective learning processes can often become a key component of an organization’s cultural identity. Studies of the relationship between culture and organizational learning processes highlight the iterative relationship between these constructs (Dixon, 1994; 2000; Cook and Yanow, 1993). These studies offer insights into how learning processes can become embedded in an organization’s culture, manifested in common behaviors, values, systems of shared meaning, as well as other artifacts among organizational members (Schein, 1996; 1999). In other words, the culture of an organization provides a critical context in which collective learning processes occur. Organizational learning, therefore, can be understood as a collective activity that jointly acts as an activity of organization-level cultural preservation, as well as one of cultural innovation and regeneration (Yanow, 2000). This perspective on the role and nature of organization and individual learning that unfolds in the context of distinctive cultures suggests a fundamental paradox: namely, that cultures that promote organizational learning can simultaneously preserve and precipitate fundamental change in the cultural status quo.

Dixon's (1994; 2000) model of collective learning is also noteworthy in this regard, highlighting how organization-level learning is inextricably related to individual learning. Dixon separates the individual level cycle of experiential learning from the organization-level of learning and describes distinctive requirements for learning at these different levels. According to Dixon, both levels of learning, individual and collective, need to occur at the same time for successful organizational learning. Dixon proposes a four-step cycle of collective learning: widespread information generation, integration of new information, collective interpretation, and ongoing revitalization of organizational strategies and practices. In the first stage, information is widely collected and shared by all organizational members. In addition to searching for information about internal organizational strengths, weaknesses, this process also involves the continuous collection of information from multiple stakeholders and external sources. In the next two stages, information is widely distributed and critically evaluated among organizational members. Discussions are grounded in a culture that is based on egalitarian values, especially of respect, equality and freedom to speak openly without fear of punishment or coercion. The final stage culminates with the translation of the learning process into actions, contributing to the ongoing revitalization of organizational strategies and practices.
We attribute the endurance and expansion of the Arava Institute, situated within the collapse of the Oslo Accords alongside an increasingly fragile peace-NGO community, in part, to its particular organizational learning approach. Following Dixon, AIES’s strategy can be appreciated through a 4-stage cyclical model.

Stage 1: Widespread Information Generation

AIES, at any given time, is managing and participating in a number of distinct, yet interrelated organizational activities. As an accredited post-secondary institution, it organizes and delivers an academic program to a diverse group of students, primarily undergraduates. The academic program remains the core organizational activity for AIES, and critical attention of faculty and staff is given to monitoring and assessing student learning. Information is collected through traditional course evaluations—while small class sizes (up to 20 students) allow for group projects, role-playing simulations, and close interpersonal contact between students, Arava program associates, faculty, and staff. This relatively intense level of organizational monitoring and assessment of the direction and quality of student learning generates multiple informal conversations and formal discussions. The exceptionally intense PELS sessions are also a form of information gathering. Their dynamics provide insights to the staff about the issues and emotions each group of students bring from their home environments. It also communicates to the students that the institute is committed to their development and that it cares about the collective journey of each cohort.

AIES’ ongoing contact with its alumni offers another illustration of the importance of information gathering at the institute. Alumni engagement represents a central organizational activity at AIES, and is undertaken through both formal and informal channels. The institute’s stated focus is on education, environment, and co-existence. Since the intention is to achieve these changes one student at a time, ongoing contact with alumni represents a significant objective that bears directly upon AIES’ core mission. Contact with alumni extends well beyond public relations and fund-raising issues; it provides the institute with important information that plays a role in identifying the degree of impact it is having on environment and co-existence issues through former students. Information about the activities and experiences of alumni is widely shared among faculty and staff, and stories of alumni activities relating to peacebuilding and regional environmental matters are part of the culture of conversation of AIES. Stories of alumni activities are often shared with current students, adding further layers to the culture of student-centered discourse at the institute.

Since the institute is also developing as a center for collaborative regional research, it proactively searches for information about potential research and policy work for both faculty and students. The latter was not initially part of the institute’s activities, but rather something added a few years after the institute began. More recently, faculty at the Arava have been central in the creation of several international conferences regarding transboundary water systems, and environmental issues surrounding the Dead Sea. Such conferences have brought scholars and environmental practitioners from inside and outside the region, facilitating new research and several publications (e.g., Lipchin et al., 2005).

Activities such as these both contribute new knowledge to ongoing environmental concerns while also demonstrating to students that talk of environmental cooperation is more than theoretical. Students are aware of research projects, and sometimes participate in them. Projects and policy conferences also expose them to regional environmental experts and potential venues for future study and employment.

Stage 2: Integrate New/Local Information into the Organizational Context

Frequent information exchanges are a necessary but not a sufficient condition for organization-wide learning processes. Information needs to flow unimpeded within and between organizational members, freely crossing organizational levels and stakeholder groups (Senge et al, 2004). In addition, the quality of these conversations is critical; a culture of shared learning needs to offer members a ‘safe space’ for honest and open exchanges, readily incorporating multiple and potentially divergent perspectives on program activities, approaches, and strategies.
AIES’ small staff plays an important role in shaping the quantity and quality of information that is internalized into the AIES organizational context. While the number of continuing staff and faculty grows each year, the core group consists of a director and six administrators who oversee specific functional areas (e.g., research, accounting, etc.). While specific projects may allow for the hiring of temporary positions, a key role of the core administrative group is to gather and share information on current and potential opportunities that can offer AIES new directions for growth and development.

The physical and social setting plays an important role in providing multiple opportunities for information exchange and dissemination. As noted earlier, AIES is located on Kibbutz Ketura, and virtually all staff and several faculty members are permanent kibbutz residents. While the line between the workplace and private ‘living space’ is a complex one in such settings, close physical proximity of organizational members generates multiple opportunities for shared information integration and ongoing discussion both within and outside of the workplace. In practice, the interdependence of the institute with the kibbutz translates into a group of people that work together and live together, including living quarters within close proximity, and a common dining facility that brings people together several times a day outside of the office. Consequently, the physical setting also provides a context where staff and faculty frequently interact with other internal stakeholders, such as students and program associates.

The physical setting also plays an important role in the quality and quantity of student interactions and information sharing. Students are in a truly unique physical setting for learning: 1-2 semester long courses in an isolated area in the desert of the Arava Valley provide a context for ongoing interaction both through a rigorous academic program and close living and housing arrangements. These unique surroundings enable students to deliberate social, political, and environmental ideas on an on-going basis over an extended period of time. Finally, by virtue of the institute’s location on a kibbutz, students are embedded in an environment that is more open to regional reconciliation than most Israeli establishments and locations. In this sense, the social setting of the institute offers an enabling context of a safe space for challenging assumptions and ideas about such sensitive issues as regional conflict and culturally embedded stereotypes.

Program associates--consisting entirely of institute alumni--provide staff, faculty, and administration with frequent and timely feedback on student perceptions and experiences. The diversity of the student body is also reflected in this group; in a recent semester, the program associates consisted of two Jordanian, one American, one Canadian, and two Israeli students. The diversity of backgrounds leads to a heterogeneity of views on the meaning and significance of shared information and experience. In addition, alumni, through their ongoing contact with each other, are able to provide the institute with valuable information regarding potential opportunities that may arise within the international scope of alumni work activities. Staff, alumni, and regional and overseas supporters easily share information with each other about opportunities for recruitment, public relations, research, and environmental activism.

The institute’s new administrative building serves as a metaphor for the culture of organization-wide information flow and integration. The building, which also serves as an ecological demonstration building, is designed for easy information flow. Its center is an oval meeting room, surrounded by an oval hallway, with offices on the outer perimeter.

**Stage 3: Collective Interpretation and Shared Learning**

This stage involves collective, organization-wide interpretation of information. The process of information sharing is critical, since meaningful collective reflection and interpretation require openness to new ideas, as well as the questioning of shared assumptions. A safe space to revisit practices and shared understandings can be created through shared norms and values that promote honest, critical reflection. Effective dialogue (Isaacs, 2001) of this nature is grounded in egalitarian values--especially respect, equality, and freedom to speak openly without fear of punishment or coercion. Such cultural attributes give
‘permission’ for individual members to engage in honest dialogue about organizational challenges and allow discourse to explore new directions in thinking and action.

Many of the conditions necessary for the creation of a safe space permitting collective inquiry of this nature were noted earlier. Organizational norms at AIES allow for a diversity of individual interpretations of shared experiences. Multiple interpretations and experiences from the diverse student body are regularly discussed as part of the learning program. The combination of close living arrangements; small numbers of students, staff and faculty; and the long-term nature of the program represent some of the enabling conditions for the emergence of a cultural environment in which participants can openly identify shared challenges—as well as constructing new group cultural norms, social spaces and joint projects.

Stage 4: Action

Stage 4 of the organizational learning cycle involves the action phase of ongoing revitalization of organizational strategies and practices. Activities in this phase represent the culmination of earlier phases—often resulting in changes in individual and organizational strategies, practices, or even cultural changes, including shared systems of meaning. At the institutional level, there are multiple examples of ongoing revitalization, ranging from strategic aspects of evolving institutional intent, alignment of emerging competencies with new funding opportunities, and major revisions to program structure and curriculum.

The evolution of the institute’s curriculum illustrates this iterative process and its strong relationship to culturally embedded processes of individual and collective learning. Every year, new refinements and additions are introduced, and the impact on student learning is carefully monitored. The institute’s academic program is not limited to formal classes. At the early stages of the institute’s history, learning goals relating to leadership in peacebuilding--while grounded in its mission and vision--were largely unaddressed by the academic program; instead, they were allowed to emerge through informal student experiential learning. The program now includes the Peace Building and Environmental Leadership Seminar (PELS) described earlier, in order to help students build a basic skill set in required competencies around leadership in coexistence and peacebuilding. Based on student feedback and shared experiences, AIES staff and faculty recognized the need for a structured learning experience addressing this core learning objective. New directions and skill sets were identified and addressed iteratively through time, resulting in the current program; this program comprises of dialogue sessions, peace building and leadership skills sessions, as well as workshops on specific topics facilitated by guest speakers and students.

Conclusion: Peacebuilding through Organizational Learning: Cultivating a Network around a Shared Regional Ecology

Despite the failures of many peacebuilding programs, some organizations have survived to continue the challenging, incremental work of building a culture of peace. The strategy of the Arava Institute has been to create a university level teaching and research program in the service of both environment and peace. It has developed a distinct organizational culture that aligns the institutional mission of social transformation with the life plans of its students. It has positioned itself in the turbulent politics of the region by being clear about its mandate, cultivating its resource base, and acting as a learning organization that promotes internal norms of information generation, integration of new information, shared processes of interpreting new information, and being open to new and revised activities. The institute continues to attract a diverse student body, to engage in research with regional partners, and to be actively involved in regional policy discussions.

This account of the institute’s survival and strategy is not a full organizational analysis. There are further questions to be asked, particularly about effectiveness. Effectiveness is an important question, since the agenda of societal transformation is significant. Over 500 students have graduated from the Arava Institute
in its ten-plus years of existence. Where are they now, what are they doing, to what extent have they
continued the networks and the shared culture fostered by the institute? Since the institute is one of a
number of organizations that continue to work on an agenda of regional contact and cooperation, what are
the challenges and opportunities of the organizational network of which it is a part? Concerning the
emergence of the institute’s research activities: how has this organizational dimension been coordinated
with the institute’s mission of peacebuilding? Regarding the goal of promoting regional environmental
cooperation: to what extent has the institute become a valued resource to regional policy makers? This
question involves not only environmental policy, but also the linkage between environmental policy and
economic / development policy. And regarding the recent promotion of large scale technological projects
related to water and energy: to what extent has the institute been able to promote its mission when asked to
coordinate its work with business and political interest groups? Since the regional political leadership has
been unable to find a framework for Palestinian-Israeli reconciliation, how can the institute negotiate
political space to advance its mission? Finally, as the institute continues to change over time, what are the
emerging challenges to survival and effectiveness and how is the institute responding to them?

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**About the Author**

Asaf Zohar is the Program Director of the Business Administration Program at Trent University. He is also the founding Chair of the Masters in Sustainability Studies Program. Stuart Schoenfeld is Chair of the Department of Sociology, Glendon College, York University, and co-manager of the blog "Environment and Climate in the Middle East". Ilan Alleson is presently pursuing a Ph.D. in Social and Behavioral Health Sciences in the Dalla Lana School of Public Health, at the University of Toronto. He is also an alumnus of the Arava Institute for Environmental Studies.