have always been relatively short in the history of mankind". Even Arendt's cosmology is predicated upon an infinite series of improbable miracles:

"For from the viewpoint of the processes in the universe and in nature, and their statistically overwhelming probabilities, the coming into being, of the earth out of cosmic processes, the formation of organic life out of inorganic processes, the evolution of man, finally, out of the processes of organic life are all 'infinite probabilities', they are 'miracles' in everyday language."

This possibility for historical miracles, whereby freely acting humans redirect history's course to establish a reality of their own, is embedded in Arendt's optimistic view of human capability: "to be human and to be free are one and the same. God created man in order to introduce into the world the faculty of beginning: freedom". Art history is full of improbable miracles. As such, every existing thought-thing continues to inject fresh concepts into human discourse, thus altering history's past and future.

Since ecoventions stand to transform local ecologies, they stand as the most tangible manifestation of art's disruptive role. As experiments carried out in the context of the art world, ecoventions are able to withstand a higher level of risk than similar scientific experiments. Such experiments usually cost less as works of art and garner broad support as communitybuilding public projects, a feature that gives ecoventions a distinct advantage over pure science. Furthermore, their success isn't judged by the artists' ultimate ability to publish the results or repay sponsors, as would be the case for scientists. Ecoventions are viewed as a positive contribution that makes a long-term restoration project immediately attractive to a wider audience. By uniting the 'I will' and the 'I can', they provide public models for freedom at a time when liberty is most in jeopardy.

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## Artscapes

**Susan Leibovitz Steinman** salvages materials directly from community waste streams to construct public art that connects common daily experiences to broader social issues.

In the late 1980's, after 18 years as a professional ceramic artist / sculptor, I began creating 'Artscapes' – environmental sculptures and installations that connect political and personal community life, global and local ecological issues. Sitespecific and audience-specific, Artscapes celebrate the values of community-based self-determination, collective action, and art as functional part of everyday life.

In transitioning materials and genres, I try to carry forward what I most admire of the ceramic arts community: its earth-based, nomaterial-waste work ethic. It's labor-intensive, socially functional, technically demanding, and aesthetically rewarding art. Despite real need and creative egos, there's a shared global language among ceramic artists that transcends politics and borders, and is worth studving.

Over the last dozen plus years, the Artscape projects have increased in

scale and complexity. Most are temporary and involve community participation or audience interaction. Designed for multiple functions and meanings, the aspiration is to create aesthetically dynamic, conceptually relevant artworks that function as educational greenscape models of bio-intensive gardening, bioremediation, reclamation and recycling. A more mercurial double-sided goal is to critique precarious ecological and social situations and still, to constructively seed hope through action.

## COLLABORATION is key. INCLUSION is achieved via collaboration.

Collaborations – with public school students, community action groups,

community college horticulture students, public infrastructure staff, and other artists – are essential to this methodology. The primary collaborators may be teachers or grass-roots community leaders. For example, rather than my 'teaching' students, I collaborate with the classroom teacher whose on-going relationship with his/her students fosters a deeper exploration of issues and a richer art experience.



'Power Towers East', 1996, temporary installation in series, specific to each site. Salvaged shopping carts, native live trees, outdated computer parts, stones or debris. This one is at Empire Fulton Ferry State Park on the East River, in Brooklyn, New York. Rubble was collected from nearby demolished housing sites. Loaned and/or salvaged carts from nearby streets. Later, the indigenous trees were permanently planted in the park.

> Collaboration is based on a political belief that people and organizations living in affected communities have a right to participate in a process to create the context and content of public art.

Structurally, collaboration allows me to work on several projects at a time, which is helpful working with communities, cities, permit processes and the like where timeframes are not under the artist's control. It also allows me to work with a vast range of personalities and agendas, visiting different worlds through different people. It's a form of itinerant art that has as many possibilities as people working on any given project.

Collaboration has a built-in critique mechanism that allows for exploring further

Picture provided by Susan Leibovitz Steinman

impressions determining the quality of a moment... It is easy to see to what extent the very principle of the spectacle – nonintervention – is linked to the alienation of the old world.... The role played by...those who cannot be called actors but rather, in a new sense of the term, 'livers' must steadily increase." (Guy Debord, 'Report on the Construction of Situations and on the International Situationist Tendency's Conditions of Organization and Action')

Both Arendt's political philosophy and the SI's theories call for action, recalling the 1960s public announcement "Don't get under a rock, get into action!" Lacking prescribed motives, actions inaugurate events that derail history. Such actions' outcomes are not only unpredictable and irreversible, but their impact cannot be undone the way an object could be destroyed. Nonetheless, undocumented actions, like unpublished ideas, risk being forgotten.

## Existentialists believed that every action implies choices, while complacency fosters self-deception.

During the late 1950s, only objects were admissible as fine art, yet performance art began sprouting up around the world. Perhaps the prevalence of choice-oriented existentialist literature and philosophy inspired artists to consider actions, like Yves Klein's empty exhibition, as works in their own right. Existentialists believed that every action implies choices, while complacency fosters self-deception. They highlighted the paradox and contradictions implicit in life's choices. Acknowledging the unpredictable character of the universe, post-war novelists created subjects who found themselves face to face with pure contingency. Rather than accept conventional lifestyles, people who explore options, however absurd, express personal freedom.

Arendt's political essays have been characterized as existentialist, although she was not strictly associated with this fashionable movement. While the crises of contradiction and paradox accompany typical existential accounts of free choice, Arendt's brand of existentialism is particularly optimistic (never erring). By emphasizing empowerment (the 'l-can'), discussion and public appearance, Arendt offers immunity against existential regret and angst. Her essays rarely address art, yet she particularly admired works of art (whether literature, painting or music) for their uselessness, durability and worldliness. Remarkably, she distinguished such works from their source of inspiration and described enduring works as 'thought things'. Similarly, the SI theoretically split the art object from the event that produced it, enabling them to emphasize its underlying attitude(s). Actions, unlike objects, are ephemeral, though their consequences often last. Arendt valued durability, but SI instigator Guy Debord considered eternity the grossest idea a person could conceive of in connection with actions. Durable things do last, but their significance is fluid.

How do ecoventions relate to Arendt and the SI? Despite Arendt and the SI's widespread influence, the well-documented history of performance art and the significant relationship between actions and object-making (see Paul Schimmel's Out of Actions), the art world has been slow to recognize ecoventions as actions, public works with an unstable, performative component. Today's open-ended ecoventions exemplify the kind of existential actions characterized by Arendt and the SI. Not surprisingly, the early eco-artists adopted the language of 'actions', rather than 'events', 'happenings' or 'situations', performance practices already in vogue. It is unknown whether such artists were influenced by the SI's call for 'actions', Arendt's notion of action or Harold Rosenberg's coining 'action' painting to denote painting as a moral act.

## SI instigator Guy Debord considered eternity the grossest idea a person could conceive of in connection with actions. Durable things do last, but their significance is fluid.

In 1962, Joseph Beuys proposed an 'action' to clean up Germany's Elbe River. In 1971, he performed both 'Forest Action' and *'Eine Aktion im Moor'* (Bog Action), to publicize the rapid deforestation of Germany's forests and destruction of European wetlands, respectively. Hans Haacke's 1965 manifesto called for changing, indeterminate, living-in-time, unstable, lightresponsive works of art that viewers could handle, which inspired his 'Grass Grows' (1969). Patricia Johanson installed 'Stephen Long', a light-responsive 1600-foot long ribbon of color alongside a railroad track in 1968. That same year, Agnes Denes explored the life cycle's process of regeneration with 'Haiku Poetry Burial', 'Rice Planting' and 'Tree Chaining'. A year later, Alan Sonfist monitored the air quality of four popular New York City intersections and posted the results at the site for all to see. In 1970, Newton Harrison performed 'Making Earth' in his studio. The seeds were sown for new ways to create and experience art.

Originally the purview of individual artists, such actions became increasingly collaborative by the early 1980s. Some early joint efforts include: scuba divers, biologists, engineers and oceanographers helping Betty Beaumont launch 'Ocean Landmark' (1978-1980) off the coast of Fire Island; 'Ocean Earth', the transnational habitat think tank, incorporating in 1980; Texas naturalists advising Patricia Johanson on 'Fair Park Lagoon' (1981-1986); volunteers clearing, planting and harvesting Agnes Denes's "Wheatfield - A Confrontation' (1982) at the foot of the World Trade Center: Free International University students planting 7000 oaks in Kassel for Joseph Beuys's 'Save the Forest' (1982-1987); and Mierle Laderman Ukeles assisting architects and engineers on the renovation of the New York City Department of Sanitation Marine Transfer Station (see Ecoventions: Current Art to Transform Ecologies for details of these actions).

Art history is full of improbable miracles. As such, every existing thought-thing continues to inject fresh concepts into human discourse, thus altering history's past and future.

Arendt ascribes the accolade of miracles to those processes that re-orient some natural series of events in unexpected ways. She certainly would have regarded ecoventions as miracles, since humans interrupt "some natural series of events, of some automatic process, in whose context they constitute the wholly unexpected". She notes that historical processes of stagnation have occupied the "largest space in recorded history", lasting and creeping on for centuries, while the "periods of being free