Course Description
Students will explore the designers, cultures, and suppositions about the contemporary environmental movement. Who are the key figures that first ignited the green design revolution and its ensuing agenda? Who effectively promoted maxims such as; “energy crisis”, “climate change”, and “sustainability”? Many books, films, projects, and actions contributed to the irresistible success of mainstream eco-values. Which readings initially established the core underpinning of this environmental debate; Hiroshima by John Hersey, Silent Spring by Rachel Carson, or Ecology of Freedom by Murray Bookchin, and how are they linked today? The class will review architecture and art, and unpack texts by thinkers such as Patrick Geddes, Henry David Thoreau, Ebenezer Howard, John Muir, Louis Sullivan, Ivan Illich, Buckminster Fuller, Jane Goodall, Annie Leonard, Paul Hawken, Amory Lovins, William McDonough, Marc Reisner, Jared Diamond, and Al Gore. In tandem, we acutely review seminal designs and works by Antoni Gaudi, Norman Bel Geddes, Bruce Goff, Rudolf Steiner, Samuel Mockbee, and others. The overall objective is twofold; to survey the larger historical context of ecological design and define specific contributions to the green movement.

Learning Outcomes The intention of this seminar is for the student to develop an understanding of the history and theory that encompass the environmental debate. A significant weight will be on the critical analysis of ecological design claims in specific contexts.

Instructor Information
Mitchell Joachim, Ph.D. Assoc. AIA, [jo-ak-um] - is a Co-Founder of Terreform ONE. He is an Associate Professor in Practice at NYU and EGS in Switzerland. He was formerly an architect at Gehry Partners, and Pei Cobb Freed. He is a TED Senior Fellow and has been awarded fellowships with Moshe Safdie and Martin Society for Sustainability, MIT. He was chosen by Wired magazine for "The Smart List: 15 People the Next President Should Listen To". Rolling Stone magazine honored Mitchell in "The 100 People Who Are Changing America". Mitchell won many awards including; AIA New York Urban Design Merit Award, Victor Papanek Social Design Award, Zumtobel Group Award for Sustainability and Humanity, History Channel Infiniti Award for City of the Future, and Time Magazine Best Invention with MIT Smart Cities Car. Dwell magazine featured him as "The NOW 99" in 2012. He earned a Ph.D. at Massachusetts Institute of Technology, MAUD Harvard University, M.Arch. Columbia University.
Resources and Readings


Department and Class Policies

Attendance is mandatory. There is no substitute for working and participating in class. If a student fails a class due to attendance, he/she is no longer permitted to attend the class. Absence will impact final grade. Undo tardiness following a given break will result in an absence. Leaving before the class is over is considered an absence. Three absences are grounds for failure.

Tardiness: Two tardies will be counted as one absence. Ten minutes late considered tardy. Over 20 minutes late is considered absence.

Academic Warning: Students who do not complete and submit assignments on time and to a satisfactory standard will fail the class. It is the student responsibility to obtain missed assignments from other classmates and make up work in time for the next class.

Evaluation and Grading: Based on projects, participation and attendance. In order to receive a grade, students must complete all assignments, participate in class and maintain a daybook.

Grade Description

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
<td>F</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Outstanding quality
Excellent work
Work of high quality
Very good work
Good work
Average
Adequate
Passing work
Below avg.
Failure
Course Requirements

Assignments- all assigned work is due at the beginning of the following session unless otherwise indicated, after that is considered late and will be marked down accordingly. Preparedness- students are expected to bring required materials to all classes. In addition, each student is expected to maintain a visual and written journal, which will be a collection of observations, inspirations, class notes, vocabulary, questions, clippings, drawings, ideas, and preparation sketches for assignments.

Evaluation and Grading
Attendance 20%, Assignments 20%, Mid-term Presentation 30%, Final Presentation 30%.

COURSE SCHEDULE

1/28  Issue Project 1
2/4   Review Project 1
      Issue Project 2
2/11  Site Visit
2/18  Review Project 2
      Issue Project 3
2/25  Review Project 3
3/4   Assemble Team, Site Analysis
3/11  Mid-Review I
3/18  ***Spring Recess
3/25  Mid-Review II
4/1   New Final Project
4/8   Pinup
4/15  Class trip
4/22  Discussion and Final Prep
4/29  FINAL I
5/6   FINAL II Last Class
5/13  Exam Period: Optional

All dates are subject to change based on information / opportunities that might arise during the semester.
Overview

Ungracefully, the American value system is somewhat distressed. It seems value has devolved into feats of rampant affluenza and mega scales; franchise brands, super-sizes, big box retail, XXL jumbo paraphernalia, etc. This consumption encapsulates a joint race for ubiquity and instantaneity in the American mindset. Centuries ago, the Founding Fathers boldly proclaimed to the world a distinctly nationalistic value; a dignity rooted in the self-evident truths that "all men are created equal and endowed by their Creator with certain unalienable rights that among these are life, liberty and the pursuit of happiness." Today does that point toward a right to be accountable for our waste? Egalitarian notions aside, these values have lost their semiotic pulse.