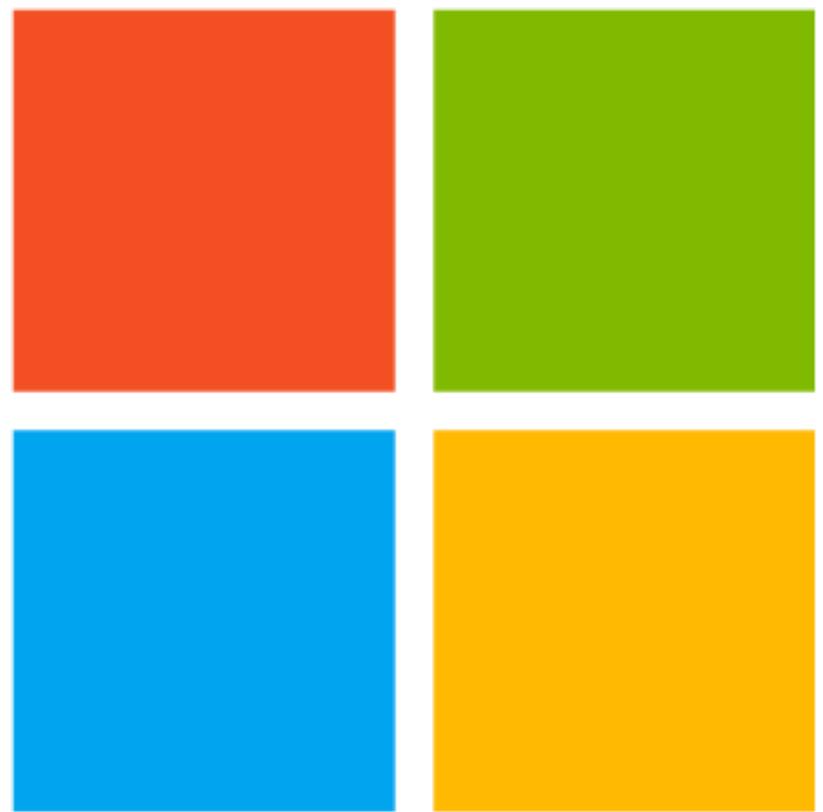


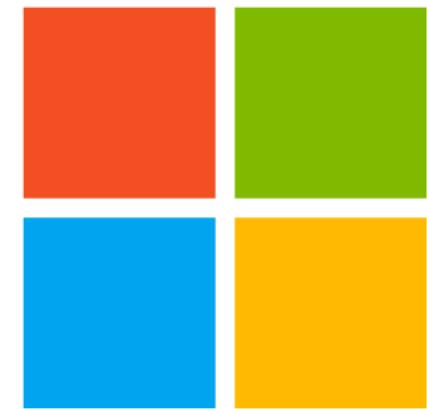
# Web Tools



# **What is in your toolkit?**



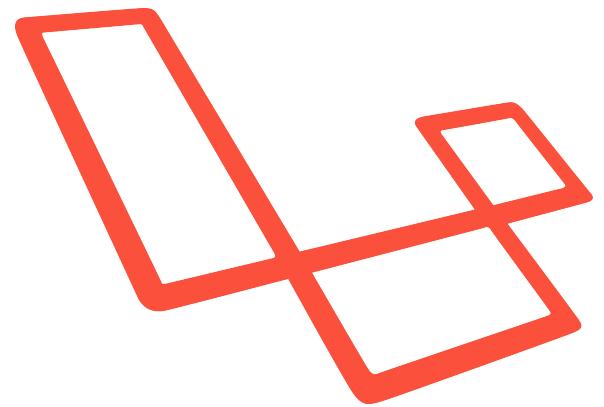




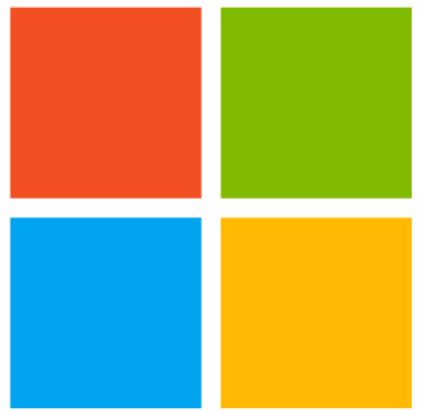


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# **What is the nature of the web?**







# What's else?





# Design Systems

# HTML & CSS

Flexbox, multi-column layout and CSS Grid

Microformats and semantic markup



CLIMATE CHANGE

ENERGY

POLICY, LAW &amp; REGULATION

ECONOMICS &amp; CORPORATE SUSTAINABILITY

ENGINEERING &amp; TECHNOLOGY

ENVIRONMENTAL JUSTICE

ENVIRONMENTAL HUMANITIES

URBAN SYSTEMS

MARINE &amp; COASTAL SYSTEMS

CONSERVATION &amp; NATURAL RESOURCES

ENVIRONMENTAL HEALTH

AIR QUALITY

WATER QUALITY &amp; SUPPLY

FOOD SYSTEMS

---

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  - [J.R. DeShazo](#)
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  - [Peter Kareiva](#)
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- [Edward Parson](#)
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- [Alex Wang](#)

```
<nav class="ucla-c-topic-nav">
<ul>
  <li><a href="#climate-change">Climate Change</a></li>
  <li><a href="#energy">Energy</a></li>
  <li><a href="#policy-law-regulation">Policy, Law & Regulation</a></li>
  <li><a href="#economics-corporate-sustainability">Economics & Corporate Sustainability</a></li>
</ul>
</nav>
```

# flexbox

```
.ucla-c-topic-nav ul {  
    display: flex;  
    flex-direction: column;  
    list-style: none;  
}
```

```
@media screen and (min-width: 30em) {  
    .ucla-c-topic-nav ul {  
        display: flex;  
        flex-direction: row;  
        flex-wrap: wrap;  
    }  
}
```



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- [Edward Parson](#)
- [Stephanie Pincetl, PhD](#)
- [Alex Wang](#)

```
<h2><a id="climate-change"></a>Climate Change</h2>
```

```
<div class="ucla-c-faculty-advisors">
```

```
<ul>
```

```
  <li><a href="#">Alan Barreca</a></li>
```

```
  <li><a href="#">Alex Hall</a></li>
```

```
  <li><a href="#">Peter Kareiva</a></li>
```

```
  <li><a href="#">Liz Koslov</a></li>
```

```
</ul>
```

```
</div>
```

# Multi-Column

```
@media screen and (min-width: 30em) {  
  .ucla-c-faculty-advisors > ul {  
    column-count: 3;  
    column-gap: 1em;  
  }  
}  
}
```

```
@media screen and (min-width: 60em) {  
  .ucla-c-faculty-advisors > ul {  
    column-count: 5;  
    column-gap: 1em;  
  }  
}
```

## Climate Change

**Alan Barreca**

Associate Professor, Center for Diverse Leadership in Science Faculty Fellow

Institute of the Environment and Sustainability

**Magali Delmas**

Professor of Management

Institute of the Environment and Sustainability,  
Anderson School of Management

**Alex Hall**

Professor

Department of Atmospheric and Oceanic Sciences

**Peter Kareiva**

Institute Director and Pritzker Distinguished Professor in Environment & Sustainability

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**Liz Koslov**

Assistant Professor

Department of Urban Planning, Institute of the Environment and Sustainability

**Glen MacDonald**

WMRC Director, WRG Faculty Director, John Muir Memorial Chair in Geography, and Distinguished Professor

Department of Geography, Department of Ecology

**Karen Aline McKinnon**

Assistant Professor

Institute of the Environment and Sustainability,  
Department of Statistics

**Aradhna Tripati**

Associate Professor, Center for Diverse Leadership in Science Director & P.I.

IoES, Atmospheric and Oceanic Sciences, Earth, Planetary, and Space Sciences

# Microformats and HTML5

```
<div class="ucla-c-people-grid">

<article class="h-card">
  <a class="u-url" href="#">
    <h2 class="fn p-name">Jane Kitty Doe</h2>
    
    <p class="p-job-title">Assistant Professor</p>
    <small class="p-org">Institute of the Environment and Sustainability</small>
  </a>
</article>

<article class="h-card">
  ...
</article>
</div>
```

```
<div class="ucla-c-people-grid">

<article class="h-card">
  <a class="u-url" href="#">
    <figure>
      
      <figcaption>
        <h2 class="fn p-name">Kitty Doe</h2>
        <p class="p-job-title">Assistant Professor</p>
        <small class="p-org">Institute of the Environment and Sustainability</small>
      </figcaption>
    </figure>
  </a>
</article>

</div>
```

# css Grid

**Alan Barreca**

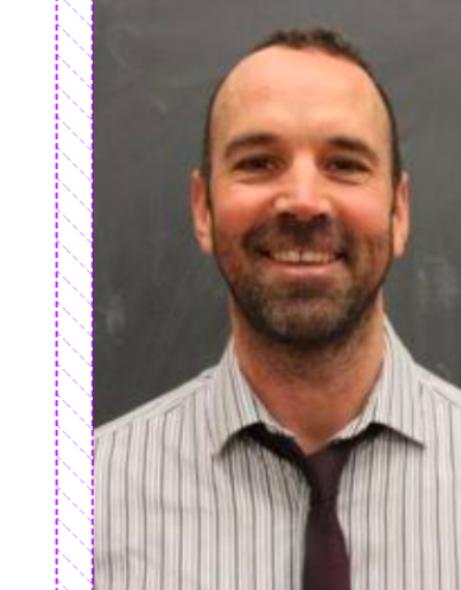
Associate Professor, Center for Diverse  
Leadership in Science Faculty Fellow

Institute of the Environment and Sustainability

**Magali Delmas**

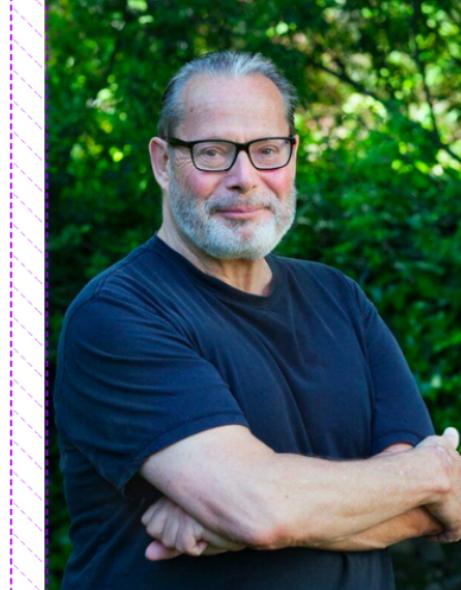
Professor of Management

Institute of the Environment and Sustainability,  
Anderson School of Management

**Alex Hall**

Professor

Department of Atmospheric and Oceanic Sciences

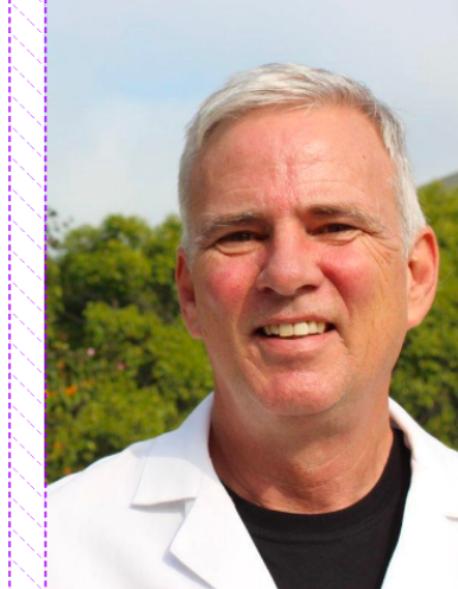
**Peter Kareiva**

Institute Director and Pritzker Distinguished  
Professor in Environment & Sustainability

Institute of the Environment and Sustainability

**Liz Koslov**

Assistant Professor

**Glen MacDonald**

WMRC Director, WRG Faculty Director, John  
Muir Memorial Chair in Geography, and

**Karen Aline McKinnon**

Assistant Professor

**Aradhna Tripati**

Associate Professor, Center for Diverse  
Leadership in Science Director & PI

## Climate Change

 <p><b>Alan Barreca</b> Associate Professor, Center for Diverse Leadership in Science Faculty Fellow Institute of the Environment and Sustainability</p>	 <p><b>Magali Delmas</b> Professor of Management Institute of the Environment and Sustainability, Anderson School of Management</p>	 <p><b>Alex Hall</b> Professor Department of Atmospheric and Oceanic Sciences</p>
 <p><b>Peter Kareiva</b> Institute Director and Pritzker Distinguished Professor in Environment &amp; Sustainability Institute of the Environment and Sustainability</p>	 <p><b>Liz Koslov</b> Assistant Professor Department of Urban Planning, Institute of the Environment and Sustainability</p>	 <p><b>Glen MacDonald</b> WMRC Director, WRG Faculty Director, John Muir Memorial Chair in Geography, and Distinguished Professor Department of Geography, Department of Ecology and Evolutionary Biology</p>
 <p><b>Karen Aline McKinnon</b> Assistant Professor Institute of the Environment and Sustainability, Department of Statistics</p>	 <p><b>Aradhna Tripati</b> Associate Professor, Center for Diverse Leadership in Science Director &amp; P.I. IoES, Atmospheric and Oceanic Sciences, Earth, Planetary, and Space Sciences</p>	 <p><b>Yifang Zhu</b> Center for Clean Air Associate Director and Professor Department of Environmental Health Sciences</p>
<b>-4</b>	<b>-3</b>	<b>-2</b>

# Climate Change



**Alan Barreca**

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of Management



2



1  
2  
3  
-1

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## Climate Change



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Science Faculty Fellow

Institute of the Environment and Sustainability



Magali Delmas

**R  
M  
A  
W  
D**

```
.ucla-c-people-grid {  
    display: grid;  
    grid-gap: 2vw;  
    grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));  
    grid-template-rows: auto;  
}
```

```
/* fall back if no grid support */
.ucla-c-people-grid > article {
    display: inline-block;
    margin: 1em;
    vertical-align: top;
    width: 300px;
}

.ucla-c-people-grid > img {
    height: auto;
    width: 200px;
}
```

```
@supports (display: grid) {  
  
  .ucla-c-people-grid {  
    display: grid;  
    grid-gap: 2vw;  
    grid-template-columns: repeat(auto-fit, minmax(300px, 1fr));  
    grid-template-rows: auto;  
  }  
  
  /* reset properties */  
  .ucla-c-people-grid > article {  
    margin: initial;  
    width: initial;  
  }  
}  
}
```

# What's next?



# Art Direction for the Web.

Thank you.