"People who will not sustain trees will soon live in a world which cannot sustain people" Bryce Nelson
Q: How much copy paper do we buy in a year?

- IUB, 2013: 70 million pages
  - 350 tons
  - ~8,400 trees
  - $440,000

- University: 157 million pages
  - 783 tons
  - ~18,700 trees
  - $1 million
Q: How much of that is recycled material?

- Recycled products
  - products which contain some recycled content
- Recycled content
  - the actual % of recycled material in the product
Trends in Recycled Paper Purchasing
University Wide

Percentage of Total Expenditure

<table>
<thead>
<tr>
<th>Year</th>
<th>% Exp on Recycled Content</th>
<th>% Exp on Recycled Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>23.8%</td>
<td>19.0%</td>
</tr>
<tr>
<td>2009</td>
<td>23.8%</td>
<td>19.0%</td>
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<tr>
<td>2010</td>
<td>25.0%</td>
<td>19.0%</td>
</tr>
<tr>
<td>2011</td>
<td>20.8%</td>
<td>19.0%</td>
</tr>
<tr>
<td>2012</td>
<td>19.0%</td>
<td>19.0%</td>
</tr>
<tr>
<td>2013</td>
<td>19.0%</td>
<td>6.8%</td>
</tr>
</tbody>
</table>

Trends in Recycled Paper Purchasing University Wide

% Exp on Recycled Content
% Exp on Recycled Products
How much paper is that?
Weight of Paper vs Football Players

Pat Lovell, USA TODAY Sports, http://www.iuhoosiers.com
Saving More Than The Trees

- Save the Trees
- Protect Our Air quality
- Reduce Flooding - storm water interception
- Absorb Carbon Dioxide (greenhouse gas)
- Save Your Money, Use Less Paper
The True Cost of Paper

- Environmental and social costs
  - Deforestation, biodiversity, erosion, air quality, climate change, chemical waste, energy and water consumption
- Paper
- Cost of the ink
- Maintaining printers, copiers
- Filing and storage space, Postage
- Cost of time - inefficiencies
Students Cite University Plans in Calling for Sustainability in Printing

- Core Values: “Sustainability, stewardship and accountability for the natural, human, and economic resources and relationships entrusted to IU”

- Continuing Priority: “Support leadership role in sustainable and energy-efficient computing.”

- The voice of 115,000 students call for environmentally sustainable practices
Students Call For Recycled Paper and Duplex Printing

- IUSA, GPSO, and AUSA Resolutions (Fall 2014)
  - Undergraduate, Graduate, and University-wide

- **Duplex Printing and Recycled Paper**

- Duplex defaults → departmental cost savings → purchase and use recycled paper → social & environmental cost savings → 😊
  - Changing habits
IU Paper Challenge
How do we reduce paper use?

- Review department policies regarding printing
- Track printing
- Print on both sides (duplex)
- Change font size, margins
- Print multiple slides per page
- Learn how to annotate digitally
- Share files and collaborate on Box
- Increase use of online forms, surveys

Professors
- Avoid printing lecture slides for every student, every class
- Allow students to submit duplex assignments
- Increase use of online assignment submissions
What kind of paper can I buy?

- “Virgin” paper - straight from trees
- Post-consumer recycled content - used, recycled by consumers
  - 30%, 50%, 100%
- “Recycled content” - recovered within manufacturing processes. May not include material that has gone through the product life cycle unless specified.
  - 30%, 50%, 100%
- Certified paper - responsible forest management
  - FSC - Forest Stewardship Council
  - SFI - Sustainable Forestry Initiative
- Tree-free paper (Sugarcane, bamboo, wheat)
Recycled Paper vs “Virgin” Paper

- Requires less water, less energy, fewer trees
- Concerns:
  - Quality - most recycled papers meet standards for virgin paper. Double check that it says “high quality.”
  - Price - 10 - 30% higher price (negotiate, buy in bulk)
  - Availability - tree-free papers exist but are not consistently available
Next Steps

► We want your input!
  (Fill out survey by January 30th)

► Early-February: IU Paper Challenge issued
  ► Make a commitment
  ► Track expenditure
  ► Report to IUOS
  ► Celebrate!
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