

Community-Based Training and Partnerships for Chemical Preparedness

Technical Workshop

National Institute of Environmental Health
Sciences

Beverly Wright, Ph.D.
Executive Director
Deep South Center for Environmental Justice
Dillard University





Louisiana Releases and Transfers

1985

700 Million Pounds

1995

185 Million Pounds

2002

203 Million Pounds

MRC and CIC Releases

Parish	State Rank	# of Facilities	Releases in Pounds
Ascension	1	20	23,378,291
Calcasieu	2	31	14,719,376
St. Charles	3	21	12,061,080
Jefferson	5	7	
East Baton Rouge	7	23	12,380,250
Iberville	8	12	5,228,700
St. James	9	21	1,311,597
St. Bernard	14	17	1,258,475
W. Baton Rouge	18	8	1,074,309
St. John the Baptist	19	3	979,811
West Feliciana	22	1	930,155
Plaquemines	23	4	368,140
St. Mary	27	6	245,409
Orleans	28	7	220,612
Corridor Totals		181	74,156,205
State Totals		373	121,189,410

Louisiana Population (4,219,973)

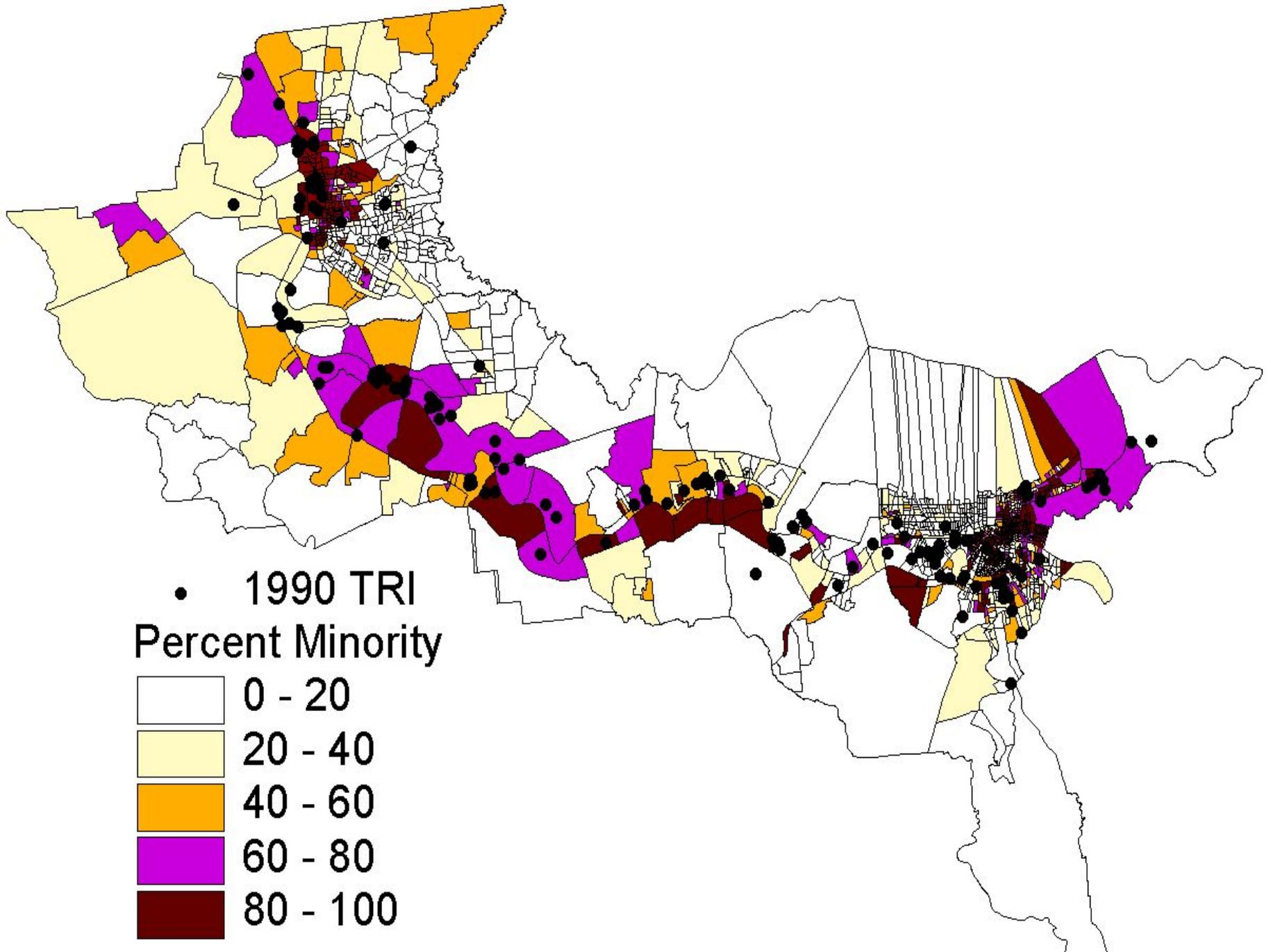
	<u>TOTAL</u>	<u>%</u>
African-American Population	1,299,281	30.8
Non African-American Population	2,920,692	69.2

Industrial Corridor Parishes (1,603,974)

	<u>TOTAL</u>	<u>%</u>
African-American Population	591,884	37.0
Non African-American Population	1,012,909	63.0

DISPARATE IMPACT

DSCEJ spatial distribution analysis shows disparate impact to minority communities in the Mississippi River Chemical Corridor.



Community Partnerships

Fence-line Communities

Norco, LA

Norco kids playing at playground across from Shell Oil



Margie Richard in Norco Community



Congresswoman Maxine Waters (center) celebrate with Norco kids!!!

No one left behind!!!



COMMUNITY EDUCATION AND TRAINING WORKSHOPS



OPENING DOORS OF COMMUNICATION FOR POLLUTION PREVENTION

Community residents in attendance.



Local and federal agency representatives on Face-to-Face Panel.

Leaving a Legacy for Environmental Justice

University students
attend EJ Legacy
Seminar





**EJ Legacy Speaker,
Emelda West sign
autograph for
student.**

**Brownfields
Minority Worker
Training Program**

Dallas, TX

New Orleans, LA

Atlanta, GA

Shreveport, LA

**Year 1
11 Completed
Training**

**Year 1
14 Completed
Training**

**Year 1
14 Completed
Training**

**Year 1
10 Completed
Training**

**Year 2
11 Completed
Training**

**Year 2
16 Completed
Training**

**Year 2
18 Completed
Training**

**Year 2
13 Completed
Training**

**Year 3
17 Completed
Training**

**Year 3
16 Completed
Training**

**Year 3
11 Completed
Training**

**Year 4
18 Completed
Training**

**Year 4
17 Completed
Training**

**Year 4
10
Completed Training**

**Year 5
18 Completed
Training**

**Year 5
18 Completed
Training**

**Year 5
18 Completed
Training**

Minority Worker Training Program





Anticipating

Katrina

Contraflow

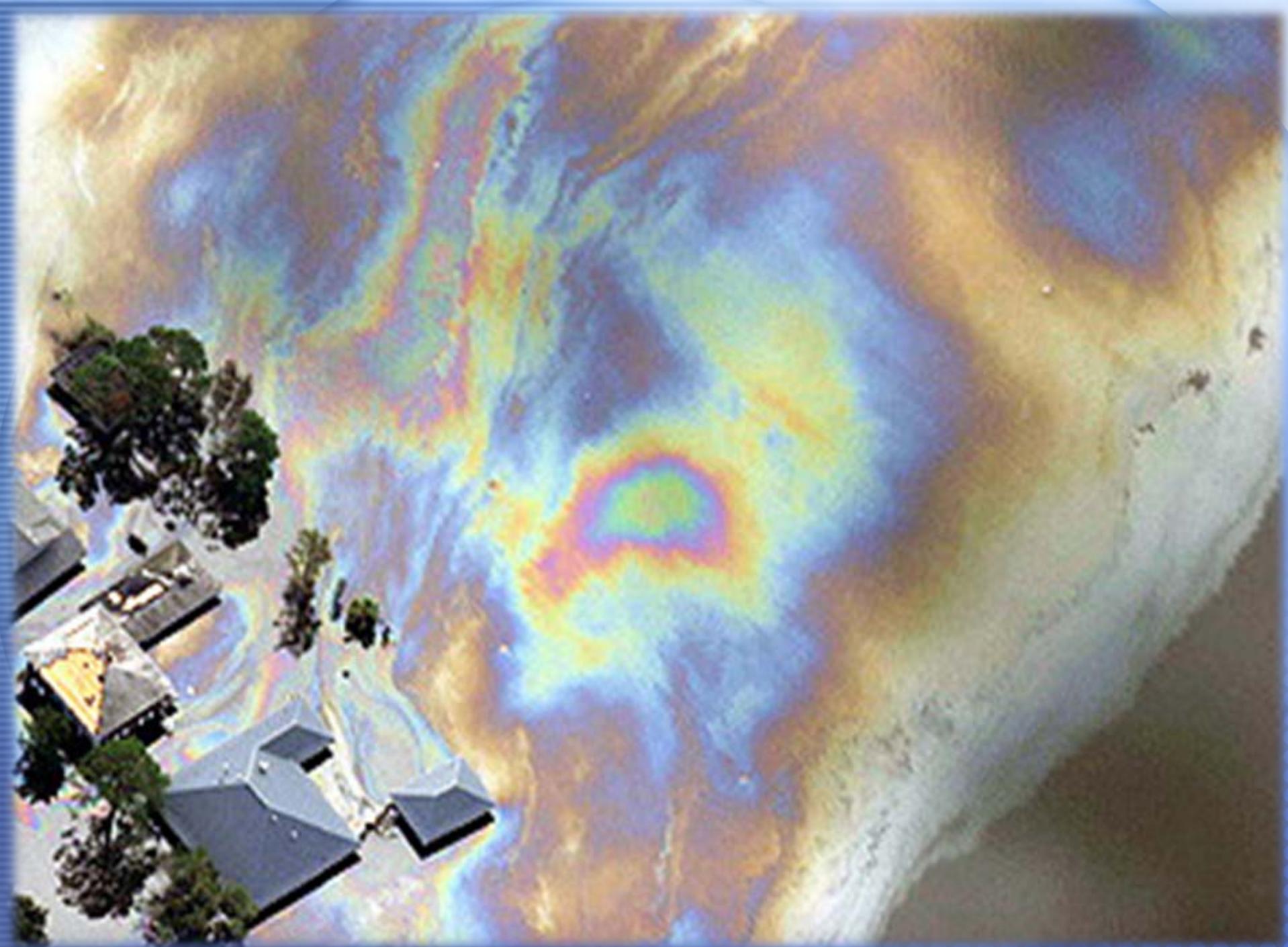


**After
Katrina**



















Katrina Left Behind...

Debris & Hazardous Wastes

- An estimated 22 million tons of debris; more than half, 12 million tons, left in Orleans Parish.
- Flooded homes containing over one million pieces of "white goods," such as refrigerators, stoves & freezers requiring disposal.
- 60,000 boats may need to be destroyed; 300,000 underground fuel tanks and 42,000 tons of hazardous waste must be collected and properly disposed of at licensed facilities.
- An additional 350,000 automobiles must be drained of oil and gasoline and then recycled; Government officials peg the numbers of cars lost in New Orleans alone at 145,000.

Impacting Water Quality

Downed transformers on utility poles. Transformers sometimes contain PCB's or other toxic chemicals which leak their contents into the ground.



Impacting Water Quality

Workers, without any protective gear, remove one of many fallen transformers, which may contain or have already leaked toxic chemicals such as PCBs. North Broad Avenue, New Orleans.



Katrina Left Behind... Toxic Contamination & Health Threats

- Six storm-caused oil spills released 7.4 million gallons of oil, or 61 percent as much as the 11 million gallons that leaked into Alaska's Prince William Sound from the Exxon Valdez in 1989.
- 60 underground storage tanks, five Superfund sites, 466 industrial facilities that stored highly dangerous chemicals were hit
- More than 1,000 drinking-water systems were disabled, leaving e. coli in floodwaters far exceeding EPA's safe levels.

Impacting Water Quality



•A 55-gallon drum with no visible label lying near flood waters along Paris Road in Chalmette.

•The drum was damaged and appeared to have leaked its contents. We don't know what the drum contained.

Impacting Water Quality



*Trash, debris and oil combine to create a toxic soup
in a canal in Arabi.*

Post Katrina Training

- *Contractor Training*
- *Displaced New Orleans Residents in Houston. TX*
- *Partnership: Texas Southern University/United Steel Workers*
- *20 targeted for Truncated Basic Skills/Technical Training*
- *30 targeted for Work-Ready Technical Training*
- *Trained 98 Total*









Weight Training





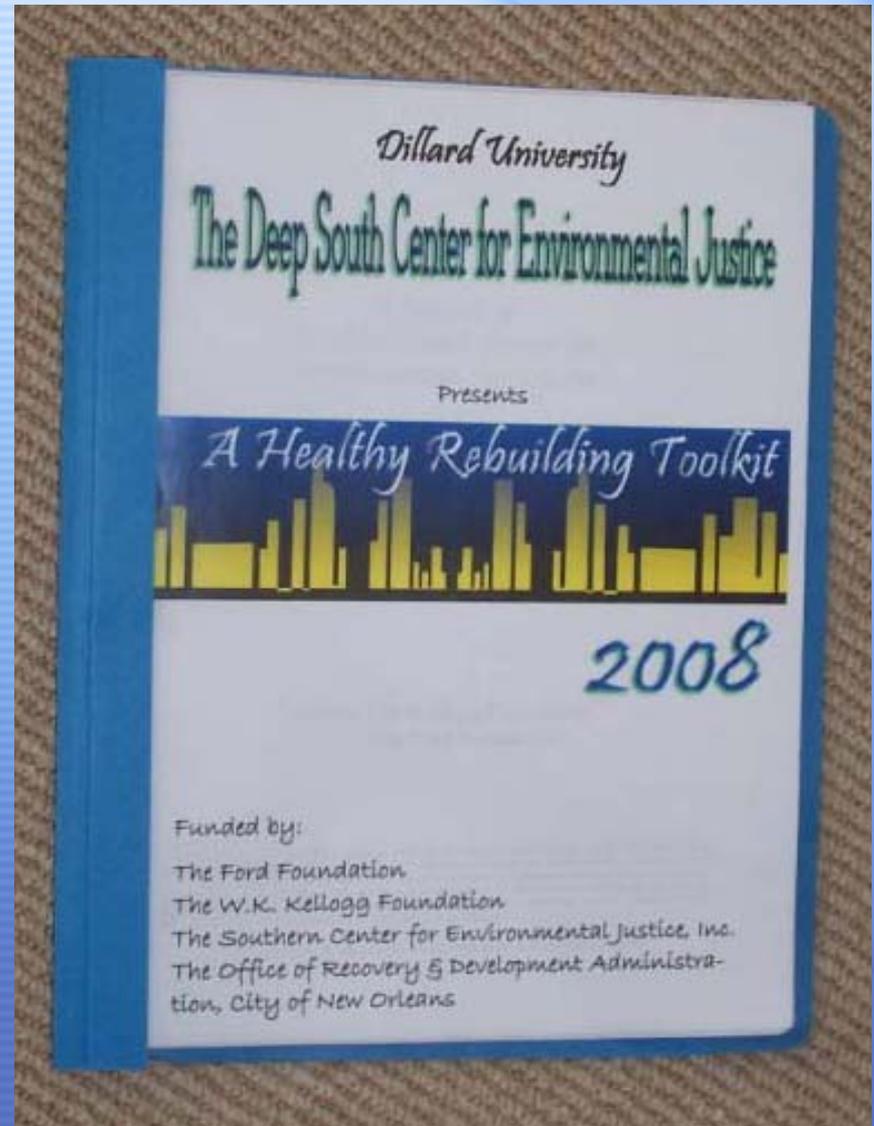


Worker Training Programs



Healthy Rebuilding Toolkits

Healthy Rebuilding Toolkits contain booklets, flyers and 2 CDs plus a manual, which contains printouts of some of the documents on the CD as well as an explanation of how to use the CDs.





The Toolkit consists of two CDs and a Guidebook explaining how to use the Toolkit CDs to access the documents contained on them. One CD contains the Healthy Rebuilding documents. The second CD, provided by the Office of Recovery and Development Administration of the City of New Orleans contains a Compendium of Healthy Communities Issue and Policy Papers.



Toolkit Training with Community Leaders

"Democracy required an educated populous; the survival of the earth will require an environmentally conscious citizenry. It is our job as educators to make this a reality."

---Dr. Beverly Wright



Dillard University

Deep South Center for Environmental Justice

440 N. Foster Drive

Baton Rouge, LA 70806

225-201-1604 office

225-201-1699 fax

dscej@aol.com

www.dscej.org