

Professor Marc Douyon
Miami-Dade College/North
MUL 1010: Music Appreciation class

Sounds produced by nature are somewhat natural to us; our brain has learned to cope with those sounds, as our ancestors passed the “noise level tolerance” to our genes.

But when people, and animals are constantly exposed to loud man-made sounds, the effect can be very negative.

Assignment:

After watching the video presentation from the following link:

http://www.ted.com/talks/lang/eng/julian_treasure_shh_sound_health_in_8_steps.html

1. Find out the amount of noise pollution in decibels, which is:
 - a. Acceptable to humans.
 - b. The threshold of pain for humans.

From the following noise generators:

- a. Headphone
- b. Car stereo
- c. Home stereo
- d. Live music

Suggested resources:

<http://decibelcar.com/index.php/menugeneric/87>

http://www.engineeringtoolbox.com/decibel-dba-levels-d_728.html

<http://www.gcaudio.com/resources/howtos/loudness.html>

<http://home.earthlink.net/~dnitzer/4HaasEaton/Decibel.html>

http://www.engineeringtoolbox.com/sound-pressure-d_66.html

<http://www.geogise.com/environmental-issues/noise-pollution.php>

<http://www.pollutionissues.com/Na-Ph/Noise-Pollution.html>

2. Find out the impact of man-made noise on the environment, and human health.

Suggested resources:

<http://www.ceroi.net/reports/johannesburg/csoe/html/nonjava/Pollution/Noise/impact.htm>

<http://www.epa.gov/air/noise.html>

<http://www.naturesounds.org/conservENW.html>

<http://www.noisequest.psu.edu/pmwiki.php?n=NoiseAffect.Wildlife>

3. Find out the impact of man-made noise on marine mammals.

Suggested resources:

<http://www.whales-online.net/eng/2/2-3-3.html>

<http://www.subacoustech.com/research/audiograms.shtml>

http://see-the-sea.org/topics/pollution/noise/noise_pollution.htm

Evaluation:

The results of your information gathering about the three items above should be presented on a two-page report.

Due date: April 19, 2011

Class discussions on the fact-findings: April 21, 2011