References

- NASA. Data Sonification: A New Cosmic Triad of Sound. URL: https://www.nasa.gov/ %09%09%09%09mission_pages/chandra/news/data-sonification-a-new-cosmic-triad-ofsound.html. (accessed: 03.2022).
- (2) Brian Foo. *Two Trains: Sonification of Income Inequality on the NYC Subway.* URL: https://datadrivendj.com/tracks/subway/. (accessed: 03.2022)
- (3) Haixia Zhou et al. "Data Sonification for Users with Visual Impairment: A Case Study with Georeferenced Data." *ACM Transactions on Computer-Human Interactions*. 15:1. 1-28.
 2008. DOI: 10.1145/1352782.135786
- (4) Nik Sawe et al. "Using Data Sonification to Overcome Science Literacy, Numeracy, and Visualization Barriers in Science Communication." *Frontier Communications*. 5:46. DOI: 10.3389/fcomm.2020.00046.
- (5) Jamie Perera. URL: https://www.jamieperera.com/. (accessed: 03.2022).
- (6) Matthew Collins et al. "Long-term Climate Change: Projections, Commitments and Irreversibility." *Climate Change 2013 - The Physical Science Basis*. 5:46. 1029–1136.
 URL: https://www.ipcc.ch/site/assets/uploads/2018/02/WG1AR5_Chapter12_FINAL.pdf.
- (7) CCSM4 Public Release. *CESM*. URL: https://www.cesm.ucar.edu/models/ccsm4.0/.
 (accessed: 03.2022).
- (8) "CMIP5 Overview." URL: https://pcmdi.llnl.gov/mips/cmip5/. (accessed: 03.2022).
- (9) Reto Knutti and Jan Sedlacek. "Robustness and Uncertainties in the New CMIP5 Climate Model Projections." *Nature Climate Change*. 3. 369–373. 2013. URL: https:// www.nature.com/articles/nclimate1716.
- (10) "Future Climate Changes, Risks and Impacts." *Climate Change 2014 Synthesis Report Fifth Assessment Report*. URL: https://ar5-syr.ipcc.ch/topic summary.php.
- (11) Jorge Gonzalez et al. "Chapter 2: New Methods for Assessing Extreme Temperatures, Heavy Downpours, and Drought." Special Issue: Advancing Tools and Methods for Flexible Adaptation Pathways and Science Policy Integration: New York City Panel on

Climate Change 2019 Report. 1439:1. 30-70. 2019. URL: https:// nyaspubs.onlinelibrary.wiley.com/toc/17496632/2019/1439/1.

- (12) New York City Panel on Climate Change. *Climate Risk Information*. 2009. URL: http:// www.nyc.gov/html/om/pdf/2009/NPCC_CRI.pdf. (accessed: 03.2022).
- (13) "A Livable Climate." OneNYC 2050: Building a Strong and Fair City. 7. URL: https:// onenyc.cityofnewyork.us/initiatives/achieve-carbon-neutrality-and-100-percent-cleanelectricity#:~:text=By%202050%2C%20New%20York%20City,emissions%20outside%20 New%20York%20City. (accessed: 03.2022).
- (14) "Pathways to Carbon-Neutral NYC: Modernize, Reimagine, Reach." 2021. URL: https:// www1.nyc.gov/assets/sustainability/downloads/pdf/publications/Carbon-Neutral-NYC.pdf. (accessed: 03.2022).
- (15) Klaus Scherer and Marcel Zentner. "Chapter 16: Emotional Effects of Music: Production Rules." *Music and Emotion: Theory and Research*. Oxford University Press. 2001. URL: https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.474.1940&rep=rep1&type=pdf.
- (16) Krumhansl. "An exploratory study of musical emotions and psychophysiology." *Canadian Journal of Experimental Psychology*. 51:4. 336–353. 1997. URL: https://psycnet.apa.org/record/1998-02627-005.
- (17) Patrik Juslin. "Communicating emotion in music performance: A review and a theoretical framework." *Music and emotion: Theory and research*. Oxford University Press. 2001. URL: https://psycnet.apa.org/record/2001-05534-008.
- (18) The Kennedy Center. "Your Brain on Music: Putting the 'Sad' in Sad Songs." URL: https:// www.kennedy-center.org/education/resources-for-educators/classroom-resources/mediaand-interactives/media/music/your-brain-on-music/your-brain-onmusic-tearjerkers/. (accessed: 03.2022).
- (19) Richard Parncutt. "The emotional connotations of major versus minor tonality: One or more origins?" 2014. DOI: https://doi.org/10.1177/1029864914542842. (accessed: 03.2022).
- (20) Adam Neely. "The Most Elegant Key Change in All of Pop Music." URL: https:// www.youtube.com/watch?v=epqYft12nV4&t=1s. (accessed: 03.2022).

- (21) Robert Longly. "A Definition of the Literary Term, Cacophony." 2018. URL: https:// www.thoughtco.com/a-definition-of-the-literary-term-cacophony-4163600. (accessed: 03.2022).
- (22) Ayako Yonetani and Kiminobu Sugaya. University of Central Florida. "Your Brain on Music." URL: https://www.ucf.edu/pegasus/your-brain-on-music/ #:~:text=%E2%80%9CMusic%20and%20the%20Brain%E2%80%9D%20explores,brain's %20ability%20to%20produce%20neurons. (accessed: 03.2022).
- (23) Daniel Schwartz et al. "Advertising energy saving programs: The potential environmental cost of emphasizing monetary savings." *J Exp Psychology Applications*. 21:2. 158-66.
 2015. URL: https://pubmed.ncbi.nlm.nih.gov/25581089/.
- (24) Omar Asensio and Magali Delmas. "Nonprice incentives and energy conservation." *PNAS*. 2015. URL: https://www.pnas.org/content/112/6/E510. (accessed: 03.2022).
- (25) Julia Steinhorst et al. "Saving electricity For the money or the environment? Risks of limiting pro-environmental spillover when using monetary framing." *Journal of Environmental Psychology*. 2015. DOI: https://doi.org/10.1016/j.jenvp.2015.05.012.
- (26) Bolderdijk et al. "Comparing the effectiveness of versus moral motives in environmental campaigning." *Nature Climate Change*. 2012. URL: https://www.nature.com/articles/ nclimate1767.
- (27) Mirela Popa and Irina Salanta. "The Emotions' Role in the Motivation Process." 2013. URL: https://www.researchgate.net/publication/
 330651477_THE_EMOTIONS'_ROLE_IN_THE_MOTIVATION_PROCESS. (accessed: 03.2022).
- (28) "Warming Stripes." Climate Lab Book. URL: http://www.climate-lab-book.ac.uk/2018/ warming-stripes/. (accessed: 03.2022).
- (29) Hua Zhang. "Algorithms for Climate Data Sonification." URL: https://huafengzhang.com/ 2017/10/04/algorithms-for-climate-data-sonification/. (accessed: 03.2022).
- (30) Danielle Venton. "Listen: 1,200 Years of Earth's Climate Transformed into Sound." KQUED. URL: https://www.kqed.org/science/1918660/listen-1200-years-of-earthsclimate-transformed-into-sound. (accessed: 03.2022).

- (31) UCAR Center for Science Education "Sounding Climate" exhibit. URL: https:// scied.ucar.edu/exhibits/sounding-climate. (accessed: 03.2022).
- (32) ClientEarth Prawnicy dla Ziemi. "The Lost Seasons." 2019. https://www.youtube.com/ watch?v=PYCR39-8YQw. (accessed 03.2022).
- (33) Marty Quinn. "The Climate Symphony." https://www.youtube.com/watch?v=BbEUAnRZVW4. (accessed 03.2022).
- (34) MACA Dataset. https://climate.northwestknowledge.net/MACA/data_csv.php.
- (35) MidiTime. Created by Michael Corey. https://github.com/cirlabs/miditime.
- (36) "Climate Change 2021: the Physical Science Basis." Intergovernmental Panel on Climate Change. 2021. URL: https://www.ipcc.ch/report/ar6/wg1/downloads/report/ IPCC_AR6_WGI_Full_Report.pdf