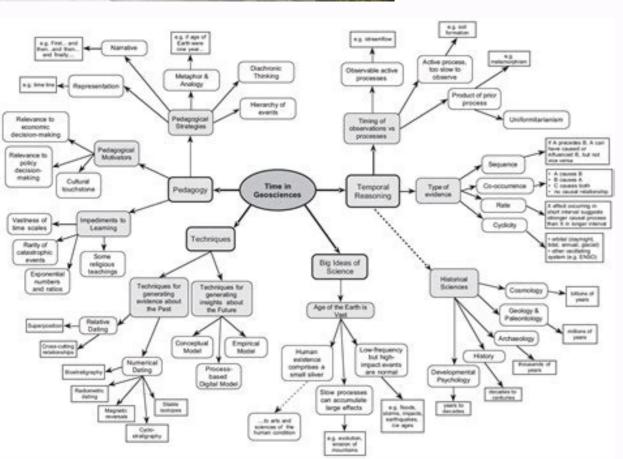I'm not robot

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20535291.468085 4603788.5111111 52951733289 71495197.666667 20064378622 42941388.825 70870704420 17790034050 6473845.3333333 136165719732 45059070.644444 39991451924 9843973168 5667608.64 25910116596 15443076.970588 15965298.571429 25179868.944444 46750321488 11901883.585859 86274100413 22478788.557377 138862502.44444

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Biosphere reserve general information system pdf file format

Types of biosphere. 5 importance of biosphere. 5 importance of biosphere to man. Importance of biosphere to man. Importance of the biosphere.

This is a great way to convert images taken with your phone camera. These online tools allow you to convert various file types and are available on dozens of free sites. Sustain. Since 1976, the UNESCO Man and the Biosphere (MAB) programme aims at connecting conservation of biodiversity with the sustainable use of ecosystem services, including sustainable economic development and the protection of cultural diversity (Bridgewater, 2016). R., Méndez, P. Press the "Rip settings" button and choose "Format" from the drop-down list. MORE FROM QUESTIONSANSWERED.NET Preview Preview You might have music files on a music CD that you would also like to have on an mp3 player. Sci. L., Zulian, G., Kopperoinen, L., Maes, J., Schägner, J. G. Cultural services like recreation, however, can be either enhanced (e.g., increased attraction due to absence of disturbance) or constrained (e.g., due to access limitations) depending on the degree of protection (Paracchini et al., 2014). (2016). Once the program is open, select the pictures you want to convert. Ecosystem service coproduction across the zones of biosphere reserves in Europe. Reporting progress on internationally designated sites: the periodic review of biosphere reserves. Assessing, mapping, and quantifying cultural ecosystem services at community level. JF, AB, JF, RK, and MS wrote the manuscript. Limitations Possible limitations on the use of the dataset are grounded in varying currentness of the zoning data. (2020). JF and RK curated and analyzed the data. Sustainability 11:5899. L., Negret, P. Science 360, 788–791. A global assessment of the social and conservation outcomes of protected areas. Furthermore, the dataset can be useful as a complement to the World Database on Protected Areas (WDPA) for analyses on protected areas in Europe. Column "reason_for_exclusion" includes the following categories: "no approval" (when geodata are available but cannot be published), "no data available" (when geodata could not be found, not even upon direct contact with responsible authorities), "sharing only on reasonable request" (when a CC BY-NC 4.0 license for publishing is missing, but geodata is available and can be shared on reasonable request), and "to be delisted by UNESCO." Recommendations on Data Use The dataset comprises spatial information on the extent as well as on the zones for the majority of European BRs and can be used for a variety of trans-European analyses. Simply upload the files you want to convert to the site and then convert and download them to your computer in a ZIP folder. Conserv. Paris, France: UNESCO. 45, 371–385. 19, 1–6. Open the photo you want to convert with Preview and then click "Export" on the File menu. Indic. We included BRs in EU-member and non-EU member states as well as in EUropean Russia (using the Ural Mountains as eastern margin). The drop-down menu has an option labeled Edit with Paint 3D. For buffer zone size the mean is 59,533 ha (sd: 90,239 ha), and the median is 25,284 ha (first quartile: 12,280 ha; third quartile: 58,455 ha). E., and Evans, K. 30, 133–141. People 17, 491–506. Mapping cultural ecosystem services: a framework to assess the potential for outdoor recreation across the EU. For instance, the IUCN protected area categories IV (Habitat/species management area) and V (Protected Landscape/Seascape) allow for human modification, and hence face human pressure, while more strict categories, such as Ia (Strict Nature Reserve) or II (National Park) face lower pressure (Jones et al., 2018). doi: 10.1016/j.ecolind.2014.04.018 CrossRef Full Text | Google Scholar Plieninger, T., Dijks, S., Oteros-Rozas, E., and Bieling, C. Urbanisation of protected areas within the european union—an analysis of UNESCO biospheres and the need for new strategies. It saves you the step of transferring your photos to your computer before converting. A/RES/70/1," in Resolution Adopted by the General Assembly (New York, NY). There is thus a search for strategies that allow for a balance between sustainable human use and protection (or restoration) of biodiversity in landscapes managed and used by people (Tobón et al., 2017; Kremen and Merenlender, 2018). BR zones were then created as polygon features on the basis of the georeferenced zoning maps. Any analysis employing such cross-regional data needs to consider this diversity in time references as well as take into account local peculiarities of the environment and the management of the BRs included in the dataset. We also excluded BRs which have 100% marine or aquatic core areas (e.g., Kizlyar Bay, Russia). AB acknowledges support of iDiv funded by the German Research Foundation (DFG-FZT 118, 202548816). Biol. doi: 10.3390/su11215899 CrossRef Full Text | Google Scholar Jones, K. Boxplots depict median values (thick black line) and first and third quartiles (box border). Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher. (2019). We thank all national agencies, organizations and reserve administrations for providing data. Restoration planning to guide Aichi targets in a megadiverse country. doi: 10.1126/science.aap9565 PubMed Abstract | CrossRef Full Text | Google Scholar Oldekop, J. Data In total, the dataset comprises 153 BRs in 31 countries (Supplementary Table 1; Figure 1). Figure 2. In addition, we collected spatial data that single BR authorities or third parties provide on their websites such as in Estonia, Italy, Poland, Portugal, Romania, Slovenia, and Sweden (Supplementary Table 1). From those options, choose "MP3." Next press "Rip settings" again and choose the "Audio Quality" menu. To the best of our knowledge, to date no comprehensive data set of BRs including demarcation of the different zones exists. J., and Bouamrane, M. Within the course of the project BIOSHARE (from 2019 to 2021) we have created a dataset that contains an almost complete collection of zoning data of BRs in Europe. Except for three BRs for which only outer boundaries are available (column "Including zonation" in Supplementary Table 1), zoning is provided for each BR. doi: 10.1080/26395916.2021.1968501 CrossRef Full Text | Google Scholar Paracchini, M. You can do this several ways. Policy 13, 549–557. The collaboration with research and scientific institutions in order to undertake applied research on sustainable development is an important goal of the Lima Action Plan (UNESCO, 2016). For core area size the mean is 17,004 ha (sd: 25,368 ha), and the median is 7,830 ha (first quartile: 3,306 ha; third quartile: 16,557 ha). The dataset generated for this study can be found in the Zenodo repository at . Curr. For the sake of this tutorial, it's assumed that the music files you'd like to convert to mp3 are on a music CD, and that your computer has an optical disc drive capable of reading and playing music CDs. It's also assumed that you're using the Microsoft Windows operating system on your computer.By the way, this process of converting music files on a CD into mp3 files is called "ripping."Insert CD and Launch Windows Media PlayerTo start off, open your computer's optical disc drive and insert music CD that contains the files you would like to convert to mp3. Each BR consists of three zones with different functions and degrees of protection: (1) the core area focusing on strict protection and conservation of biodiversity, (2) adjacent buffer zones which allow for ecologically sound activities such as environmental education and training with respect to local knowledge and traditions and limited human interference, and (3) the transition area with least restrictions for sustainable ecosystem service use and socio-culturally sustainable economic and human activity (Price et al., 2010; UNESCO, 2021). View PDFVolume 76, July 2018, Pages 654-663 rights and contentSocial-ecological systems CC0/Free-Photos/Pixabay A JPG file is one of the most common compressed image file types and is often created by digital cameras. Conflict of Interest The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest. MORE FROM QUESTIONSANSWERED.NET Sustainable management and protection of landscapes are needed to safeguard biodiversity and ecosystem services in line with the UN Sustainable Development Goal 15 (Life on Land, United Nations, 2015). Figure 1. File extensions will depict the new file type, such as .png.Use Windows PhotoYou can convert a jpg image by using the Photos app on Windows. doi: 10.1016/j.envsci.2010.06.005 CrossRef Full Text | Google Scholar Reed, M. Many sites let you convert up to 20 images at once. A., Gonçalves, J. Hence, trade-offs between biodiversity, ecosystem services and human use can occur when designating protected areas. The post-2020 targets of the Convention on Biological Diversity (UNEP, 2020) aim at a conservation of 30% of land by 2030, a goal which is also addressed in the Biodiversity Strategy of the European Union (EU) (European Commission, 2020). To achieve this, biosphere reserves (BRs) implement a zoning approach. The man and biosphere programme of UNESCO: rumbuctious child of the sixties, but was the promise fulfilled? All spatial data were processed and digitized in ArcMap version 10.8 (ESRI) and projected to Lambert azimuthal equal-area projection (EPSG:3035). MS designed the study. If you'd like Windows Media Player to fill-in the song information automatically, make sure your computer is connected to the Internet; doing this can save you a lot of time because it automatically fills in information like the song name, artist, composer and more. You have to extract the files before you can view them. Any analysis, should take into account that originally designated BR zones can be revised and adapted at any point of time (Price et al., 2010). (2010). Ecosyst. Open the image inside the program, click "Save As" on the File menu, and then choose the file type option for the conversion. F., Revilla, E., et al. Funding JP, AB, and JF were funded through Klaus Tschira Foundation (KT08, BIOSHARE). EU Biodiversity Strategy for 2030. Such analyses could encompass an assessment of the state or the monitoring of biodiversity and ecosystem services, either between BRs, between BR zones or to compare protected areas within BRs with unprotected areas or with protected areas with a different management (Palliwoda et al., 2021). R., Venter, O., Fuller, R. We could not find zoning data from 15 European BRs (see Supplementary Table 1, code "no data available" in column "Reason for exclusion"). BRs in Turkey, Israel as well as the French BRs Commune de Fakarava and Archipel de la Guadeloupe were not included since their geographical location is less relevant for analyses of Europe. Read on to find out how.Use an Online ConverterOne of the simplest ways to convert jpg files to a media share file format like png, PDF or TIFF is by using a free online converter. In most cases, data were kindly provided by these institutions or authorities (see Supplementary Table 1, column "Source of data"). Again, if you want a PDF, instead of exporting, click "Print" and select PDF at the bottom left-hand corner.Use Your SmartphoneYou can also convert jpg files from your smartphone by installing one of several free and paid apps. Click the format you want to export and then save the photo. Or, you might have a collection of older CDs that you would like to convert into a more modern format. If Windows Media Player is set to be your computer's default CD playing software, then Windows Media Player may open automatically and begin playing the CD. To do so, zoning maps were georeferenced to available spatial data of the outer boundary or particular zones (e.g., in cases where spatial data were available only for the core area) in the Lambert azimuthal equal-area projection. (2018). If you want to convert your jpg file to PDF, instead of Edit & Create, choose Print. United Nations (2015). P., Termansen, M., et al. For total BR size the mean is 187,721 ha (sd: 291,271 ha), and the median is 78,484 ha (first quartile: 38,933 ha; third quartile: 241,362 ha). Digital conservation in biosphere reserves: earth observations, social media, and nature's cultural contributions to people. For instance, the World Database on Protected Areas (WDPA) (UNEP-WCMC) covers only the outer boundaries of some BRs or in many cases merely point data which roughly indicate the location of a reserve. RK was supported by the German Federal Ministry of Education and Research (BMBF; no.01LN1705A, Green Equity HEALTH). Either way, this process is easy.A Few AssumptionsFirst, a few assumptions. The corresponding data with further detail on the BRs zonation contain the following columns (Supplementary Table 1, csv file in the dataset): "UNESCO_Name" [BR name according to the UNESCO EuroMAB website ( ], "BR_Code" [unique codes based on country of BR), "Part_of_dataset" (yes/no), "Reason_for_exclusion," "Including_zonation" (yes or no in case of outer boundary only), "Year_of zonation data" (timeliness of available geodata), "Date_of_download," "Source of data" (source of the spatial data or map data), "Country" (country or countries that the BR is situated in), and "Year_of_designation" (year the BR was designated). Land Use Policy 33, 118–129. You can use the check boxes to select or deselect the songs you would like to convert; this is useful if you don't need the entire CD converted to mp3.Choose Audio QualityBut wait — before you begin converting your files you need to select the correct rip settings for file type and audio quality. doi: 10.1007/s11625-018-0603-0 CrossRef Full Text | Google Scholar Tobón, W., Urquiza-Haas, T., Koleff, P., Schröter, M., Ortega-Alvarez, R., Campo, J., et al. Close the disc drive door. It is generally agreed that protected areas are suitable means to achieve this goal. Based on a zoning approach, UNESCO biosphere reserves are a type of designated area that aim at finding such a balance. Overview map of 153 European biosphere reserves included in this dataset (dark green areas; no zones depicted due to perceptibility) and detailed maps of the zoning of three exemplary biosphere reserves, Pilis (Hungary), Rhön (Germany), Terres de l'Ebre (Spain). Acknowledgments We thank UNESCO-MAB and UNEP-WCMC for advice on zoning data collection. So far, many studies that analyse biodiversity or ecosystem service potential of BRs, have not taken the zoning into account but rely on BRs outer boundaries or single point data per BR (Plieninger et al., 2013; Harris et al., 2019; Vaz et al., 2020). One-third of global protected land is under intense human pressure. Methodology For the European BR dataset we collected geospatial data on the zoning of BRs that were listed on the UNESCO EuroMAB website in July 2020 (. However, degrees of protection, i.e., to what degree human interference in these areas is restricted, can differ considerably. A., Allan, J. Google Scholar Vaz, A. doi: 10.1111/cobi.12568 PubMed Abstract | CrossRef Full Text | Google Scholar Palliwoda, J., Fischer, J., Felipe-Lucia, M. Opin. BRs which were withdrawn before July 2020 (were not included in the dataset. At times, you may need to convert a JPG image to another type of format. J., et al. Harris, M., Cave, C., Foley, K., Bolger, T., and Hochstrasser, T. BRs support science by serving as functioning models or laboratories for implementing sustainable development goals and undertaking research on how to connect economic development, human activities and biodiversity conservation, which is aimed for by the MAB programme (UNESCO, 2016; Reed, 2018). As in some cases zoning data were not available as vector data or was incomplete as we could not reach BR officials, we digitized core area, buffer zone and transition area manually on the basis of maps that were provided on the respective BR websites (Supplementary Table 1, code "manually digitized" in column "Source of data"). If this does not happen, you'll need to launch Windows Media Player yourself by pressing the Windows Key + R, typing "wmplayer," and clicking OK.Select Tracks for RippingOnce Windows Media Player is running, click the "Switch to Library" button in the upper right-hand corner. Strict protection can be in conflict with human interests when it comes to direct use of nature and related ecosystem services, for example, timber extraction that might be limited in protected areas (Oldekop et al., 2016). kk. (Brussels: European Commission). Lima Action Plan for UNESCO's Man and the Biosphere (MAB) Programme and its World Network of Biosphere Reserves (2016–2025). A., Holmes, G., Harris, W. (2013). doi: 10.1016/j.cosust.2015.08.009 CrossRef Full Text | Google Scholar European Commission (2020). Click the option for "Microsoft Print to PDF," and a box pops up to save the file as a PDF.Use Preview on MacIf you have a Mac, you can follow a similar process on your computer using Preview. doi: 10.1016/j.landusepol.2012.12.013 CrossRef Full Text | Google Scholar Price, M. F., Park, J. Many protected areas, as a consequence, have been designated "high and far" (Joppa and Pfaff, 2009), i.e. in mountainous, distant areas with low opportunity costs of conservation. (2014). For users of the dataset who might want to include missing BRs we suggest considering the database of the Biosphere Smart foundation (which includes several additional BRs. Interpretation of the Dataset The dataset consists of 153 European BRs (Figure 1; Supplementary Table 1). All authors contributed to the article and approved the submitted version. For data acquisition we first approached different institutions on national, regional or local level as well as individual BR administrations for providing zoning data. doi: 10.1111/cobi.12704 CrossRef Full Text | Google Scholar R., Maxwell, S. F., Vicente, J. Publisher's Note All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. "Transforming our world: the 2030 agenda for sustainable development. Once the process is completed, you can listen to your new mp3 files or transfer them to an mp3 player or similar device. Environ. Size distribution of biosphere reserves total area and zones (core area, buffer zone, transition area) across the 153 digitized reserves in Europe. 14, 809–821. You'll now see a listing of tracks (music files) that are on the CD. S., Moreno-Llorca, R. As a consequence, distinct levels of human-nature interactions can be expected in the different zones, leading to varying disturbances and ecosystem service provision. All maps projected in EPSG:3035. In a tab along the top, look for Edit & Create. Bringing Nature Back into our Lives. (2017). Lett 13:e12704. R., Palomo, I., Neuparten, R., Büermann, A., et al. Author Contributions JP and AB acquired and curated the data. Ecol. In this data paper we describe the compilation and production of the European BR zoning dataset and provide recommendations on its use. doi: 10.1111/cobi.12918 PubMed Abstract | CrossRef Full Text | Google Scholar UNESCO (2016). The contributions of UNESCO man and biosphere programme and biosphere reserves to the practice of sustainability science. The higher the quality, the better the converted mp3 file will sound, but it will take up more space.Rip CDNow you can press the "Rip CD" button. However, spatial data of the zones of BRs are scarce and available openly only for a limited number of BRs and from scattered sources. Supplementary Material The Supplementary Material for this article can be found online at: References Bridgewater, P. 31, 1086–1097. COM(2020) 380 Final. Ripping a CD and converting the files to mp3 can take several minutes. In a second step, we systematically searched for online databases providing zoning data of European BRs, including the geodata portal of the Austrian Federal State of Voralberg (and the open data portal of Austria (, the French portal of the National Museum of Natural History ( ), the Hungarian Geoportal ( ), the Portuguese national information system SNIG (, the geoserver of the Slovak Environment Agency (, the Geo-Portal of Wales (, Scotland's Nature Agency data portal (, the Latvian OZOLS database (, and the Mississippi Geospatial Data Catalog (. (2021). For transition area size the mean is 113,426 ha (sd: 222,320 ha), and the median is 37,519 ha (first quartile: 11,830 ha; third quartile: 118,534 ha) (Figure 2). The vector file contains three polygon features for core area (zone 1), buffer zone (zone 2) and transition area (zone 3) for most BRs. The related attribute table contains the following information: "BR_Code" (unique code based on country and name of a BR), "UNESCO_Name" [BR name according to the UNESCO EuroMAB website ( ], "BR_Zone" (1 = core area, 2 = buffer zone, 3 = transition area) and "Area_ha" (area of the BR zone in ha).