

SANDRA DÍAZ

FULL PUBLICATION LIST

Articles in scientific journals

- ¹ Publication with > 800 citations in the peer-reviewed literature
- ² Publication with 800 - > 300 citations in the peer-reviewed literature
- ³ Publication with 300 - > 100 citations in the peer-reviewed literature
- * Publication with award
- % Leading or co-leading role if not first author

Peer-reviewed full articles

DÍAZ, S., MALHI, Y. 2022. Biodiversity: Concepts, Patterns, Trends and Perspectives. **Annual Review of Environment and Resources**, in press.

DÍAZ, S. 2022. A fabric of life view of the world. **Science** 375: 1204.

CHAPLIN-KRAMER, R., BRAUMAN, K.A., CAVENDER-BARES, J., **DÍAZ, S.**, DUARTE, G.T., ENQUIST, B.J., GARIBALDI, L.A., GELDMANN, J., HALPERN, B.S., HERTEL, T.W., KHOURY, C.K., KRIEGER, J.M., LAVOREL, S., MUELLER, T., NEUGARTEN, R.A., PINTO-LEDEZMA, J., POLASKY, S., PURVIS, A., REYES-GARCÍA, V., ROEHRDANZ, P.R., SHANNON, L.J., SHAW, M.R., STRASSBURG, B.B.N., TYLIANAKIS, J.M., VERBURG, P.H., VISCONTI, P. & ZAFRA-CALVO, N. 2022. Conservation needs to integrate knowledge across scales. **Nature Ecology & Evolution** 6, 118-119.

MEYFROIDT, P., BREMOND, A.D., RYAN, C.M., ARCHER, E., ASPINALL, R., CHHABRA, A., CAMARA, G., CORBERA, E., DEFRIES, R., **DÍAZ, S.**, DONG, J., ELLIS, E.C., ERB, K.-H., FISHER, J.A., GARRETT, R.D., GOLUBIEWSKI, N.E., GRAU, H.R., GROVE, J.M., HABERL, H., HEINIMANN, A., HOSTERT, P., JOBBÁGY, E.G., KERR, S., KUEMMERLE, T., LAMBIN, E.F., LAVOREL, S., LELE, S., MERTZ, O., MESSERLI, P., METTERNICHT, G., MUNROE, D.K., NAGENDRA, H., NIELSEN, J.Ø., OJIMA, D.S., PARKER, D.C., PASCUAL, U., PORTER, J.R., RAMANKUTTY, N., REENBERG, A., CHOWDHURY, R.R., SETO, K.C., SEUFERT, V., SHIBATA, H., THOMSON, A., TURNER, B.L., URABE, J., VELDKAMP, T., VERBURG, P.H., ZELEKE, G. & ERMGASSEN, E.K.H.J.Z. **2022**. Ten facts about land systems for sustainability. **Proc. Nat. Acad. Sci. USA** 119, e2109217118.

LEHNEN, L, ARBIEU, U, BÖHNING-GAESE K, **DÍAZ S**, GLIKMAN JA, MUELLER T. 2022. **People and Nature**, in press.

JOSWIG J.S., WIRTH. C. SCHUMAN M.C., KATTGE J., REU B., WRIGHT I. J., SIPPEL S.D., RUEGER N., RICHTER R., SCHAEPMAN M.E., VAN BODEGOM P., CORNELISEN J.H.C., **DÍAZ S.** et al. 2021. Climatic and soil factors explain the two-dimensional spectrum of global plant trait variation. **Nature Ecology & Evolution** 6: 36–50.

CARON, M.M., ZELLWEGER, F., VERHEYEN, K., BAETEN, L., HÉDL, R., BERNHARDT-RÖRMERMANN, M., BERKI, I., BRUNET, J., DECOCQ, G., **DÍAZ, S.**, DIRNBÖCK, T., DURAK, T., HEINKEN, T., JAROSZEWICZ, B., KOPECKÝ, M., LENOIR, J., MACEK, M., MALICKI, M., MÁLIŠ, F., NAGEL, T.A., PERRING, M.P., PETŘÍK, P., RECYŃSKA, K., PIELECH, R., SCHMIDT, W., ŚWIERKOSZ, K., TELEKI, B., WULF, M. & DE FRENNE, P. 2021. Thermal differences between juveniles and adults increased over time in European forest trees. **Journal of Ecology**, in press. DOI: 10.1111/1365-2745.13773

- CARMONA, C.P., BUENO, C.G., TOUSSAINT, A., TRÄGER, S., **DÍAZ, S.**, MOORA, M., MUNSON, A., PÄRTEL M., ZOBEL, M., TAMME, R. 2021. Fine-root tratis in the global spectrum of plant form and function. **Nature**, in press.
- HILL, R., **DÍAZ, S.**, PASCUAL, U., STENSEKE, M., VAN VELDEN, J. 2021. Nature's contributions to people: Weaving plural perspectives. **One Earth** 4: 910-915. <https://doi.org/10.1016/j.oneear.2021.06.009>
- SEGRESTIN, J., SARTORI, K., NAVAS, M.-L., KATTGE, J., **DÍAZ, S.** & GARNIER, E. (2021) PhenoSpace: A Shiny application to visualize trait data in the phenotypic space of the global spectrum of plant form and function. **Ecology & Evolution** 11, 1526-1534. <https://doi.org/10.1002/ece3.6928>
- STRASSBURG, B.B.N., IRIBARREM, A., BEYER, H.L., CORDEIRO, C.L., CROUZEILLES, R., JAKOVAC, C.C., BRAGA JUNQUEIRA, A., LACERDA, E., LATAWIEC, A.E., BALMFORD, A., BROOKS, T.M., BUTCHART, S.H.M., CHAZDON, R.L., ERB, K.-H., BRANCALION, P., BUCHANAN, G., COOPER, D., **DÍAZ, S.**, DONALD, P.F., KAPOS, V., LECLÈRE, D., MILES, L., OBERSTEINER, M., PLUTZAR, C., DE M. SCARAMUZZA, C.A., SCARANO, F.R. & VISCONTI, P. 2020. Global priority areas for ecosystem restoration. **Nature** 586, 724-729. <https://doi.org/10.1038/s41586-020-2784-9>
- GARIBALDI, L.A., ODDI, F.J., MIGUEZ, F.E., BARTOMEUS, I., ORR, M.C., JOBBÁGY, E.G., KREMEN, C., SCHULTE, L.A., HUGHES, A.C., BAGNATO, C., ABRAMSON, G., BRIDGEWATER, P., CARELLA, D.G., **DÍAZ, S.**, DICKS, L.V., ELLIS, E.C., GOLDENBERG, M., HUAYLLA, C.A., KUPERMAN, M., LOCKE, H., MEHRABI, Z., SANTIBAÑEZ, F. & ZHU, C.-D. 2021. Working landscapes need at least 20% native habitat. **Conservation Letters** 14, e12773. <https://doi.org/10.1111/conl.12773>
- ELLIS, E.C., GAUTHIER, N., KLEIN GOLDEWIJK, K., BLIEGE BIRD, R., BOIVIN, N., **DÍAZ, S.**, FULLER, D.Q., GILL, J.L., KAPLAN, J.O., KINGSTON, N., LOCKE, H., MCMICHAEL, C.N.H., RANCO, D., RICK, T.C., SHAW, M.R., STEPHENS, L., SVENNING, J.-C. & WATSON, J.E.M. (2021) People have shaped most of terrestrial nature for at least 12,000 years. **Proc. Nat. Acad. Sci. USA** 118, e2023483118. <https://doi.org/10.1073/pnas.2023483118>
- PASCUAL, U., ADAMS, W.M., **DÍAZ, S.**, LELE, S., MACE, G.M. & TURNHOUT, E. 2021. Biodiversity and the challenge of pluralism. **Nature Sustainability**, 10.1038/s41893-021-00694-7
- LIPOMA, M.L., CABROL, D.A., CUCHIETTI, A., ENRICO, L., GORNÉ, L.D. & **DÍAZ, S.** 2021. Low resilience at the early stages of recovery of the semi-arid Chaco forest—Evidence from a field experiment. **Journal of Ecology** <https://doi.org/10.1111/1365-2745.13622>
- GRACE, O.M., PÉREZ-ESCOBAR, O.A., LUCAS, E.J., VORONTSOVA, M.S., LEWIS, G.P., WALKER, B.E., LOHMANN, L.G., KNAPP, S., WILKIE, P., SARKINEN, T., DARBYSHIRE, I., LUGHADHA, E.N., MONRO, A., WOULDSTRA, Y., DEMISSEW, S., MUASYA, A.M., **DÍAZ, S.**, Baker, W.J. & Antonelli, A. 2021 Botanical Monography in the Anthropocene. **Trends in Plant Science** 26, 433-441. <https://doi.org/10.1016/j.tplants.2020.12.018>
- MARTIN, R.E., ASNER, G.P., BENTLEY, L.P., SHENKIN, A., SALINAS, N., HUAYPAR, K.Q., PILLCO, M.M., CCORI ÁLVAREZ, F.D., ENQUIST, B.J., **DÍAZ, S.** & MALHI, Y. (2019) Covariance of Sun and Shade Leaf Traits Along a Tropical Forest Elevation Gradient. **Frontiers in Plant Science** 10, 1810; DOI: [10.3389/fpls.2019.01810](https://doi.org/10.3389/fpls.2019.01810)
- KATTGE, J., BÖNISCH, G., **DÍAZ, S.**, LAVOREL, S., PRENTICE, I.C., LEADLEY, P., TAUTENHAHN, S., WERNER, G.D.A., AAKALA, T. ET AL. (2020) TRY plant trait database – enhanced coverage and open access. **Global Change Biology** 26, 119-188. <https://doi.org/10.1111/gcb.14904>
- DÍAZ, S.**, ZAFRA-CALVO, N., PURVIS, A., VERBURG, P.H., OBURO, D., LEADLEY, P., CHAPLIN-KRAMER, R., DE MEESTER, L., DULLOO, E., MARTÍN-LÓPEZ, B., SHAW, M.R., VISCONTI, P., BROADGATE, W., BRUFORD, M.W., BURGESS, N.D., CAVENDER-BARES,

- J., DECLERCK, F., FERNÁNDEZ-PALACIOS, J.M., GARIBALDI, L.A., HILL, S.L.L., ISBELL, F., KHOURY, C.K., KRUG, C.B., LIU, J., MARON, M., MCGOWAN, P.J.K., PEREIRA, H.M., REYES-GARCÍA, V., ROCHA, J., RONDININI, C., SHANNON, L., SHIN, Y.-J., SNELGROVE, P.V.R., SPEHN, E.M., STRASSBURG, B., SUBRAMANIAN, S.M., TEWKSBUURY, J.J., WATSON, J.E.M. & ZANNE, A.E. 2020. Set ambitious goals for biodiversity and sustainability. **Science**, 370, 411.
- CHAPIN F S III, **DÍAZ*** S. 2020. Interactions between changing climate and biodiversity: Shaping humanity's future. **Proceedings of the National Academy of Sciences** 117: 6295-6296. FI: 5.6
- LIPOMA, ML, FORTUNATO V, ENRICO L, **DÍAZ* S**. 2019. Where does the forest come back from? Soil and litter seed banks and the juvenile bank as sources of vegetation resilience in a semiarid Neotropical forest. **Journal of Vegetation Science** 30: 542-552, <https://doi.org/10.1111/jvs.12842>
- GORNÉ, L.D., **DÍAZ, S.**%, MINDEN, V., ONODA, Y., KRAMER, K., MUIR, C., MICHALETZ, S.T., LAVOREL, S., SHARPE, J., JANSEN, S., SLOT, M., CHACON, E. & BOENISCH, G. 2020. The acquisitive–conservative axis of leaf trait variation emerges even in homogeneous environments. **Annals of Botany**, doi: 10.1093/aob/mcaa198
- JAUREGUIBERRY P, CUCHIETTI A, GORNÉ LD, BERTONE GA, **DÍAZ S**%. 2020. Post-fire resprouting capacity of seasonally dry forest species – Two quantitative indices. **Forest Ecology and Management** 473, 1182674.
- ZAFRA-CALVO, N., BALVANERA, P., PASCUAL, U., MERÇON, J., MARTÍN-LÓPEZ, B., VAN NOORDWIJK, M., MWAMPAMBA, T.H., LELE, S., IFEJIKI SPERANZA, C., ARIAS-ARÉVALO, P., CABROL, D., CÁCERES, D.M., O'FARRELL, P., SUBRAMANIAN, S.M., DEVY, S., KRISHNAN, S., CARMENTA, R., GUIBRUNET, L., KRAUS-ELSIN, Y., MOERSBERGER, H., CARIÑO, J. & **DÍAZ, S.** (2020) Plural valuation of nature for equity and sustainability: Insights from the Global South. **Global Environmental Change** 63, 102115.
- McELWEE P, FÉRNANDEZ- LLAMAZARES A, AUMEERUDDY- THOMAS Y, BABAI D, BATES P, GALVIN K, GUÉZE M, LUI J, MOLNAR Z, NGO H, GARCÍA VR, ROY C, RINKU SAMAKOV, AIBEK S, UTTAM B, **DÍAZ S**, BRONDIZIO E. Working with Indigenous and Local Knowledge (ILK). (in press) Large- Scale Ecological Assessments: Reviewing the Experience of the IPBES Global Assessment' **Journal of Applied Ecology** 57:1666–1676
- CHAN K, BOYD D, GOULD R, JETZKOWITZ J, LIU J, MURACA B, NAIDOO R, OLMSTED P, SATTERFIELD T, SELOMANE O, SINGH G, SUMAILA R, NGO H, BOEDHIHARTONO A, AGARD J, AGUIAR AP, ARMENTERAS D, BALINT L, BARRINGTON-LEIGH C, CHEUNG W, **DÍAZ S**, DRISCOLL J, ESLER K, EYSTER H, GREGR E, HASHIMOTO S, HERNÁNDEZ PEDRAZA, G, HICKLER T, KOK MTJ, LAZAROVA T, MOHAMED A, MURRAY-HUDSON M, O'FARRELL P, PALOMO I, SAYSEL A, SEPPELT R, SETTELE J, STRASSBURG B, XUE D, BRONDÍZIO E (en prensa) Levers and Leverage Points for Pathways to Sustainability. **People and Nature** 2: 693-717.
- MOLNAR Z, KELEMEN A, KUNT R, MÁTÉ J, SÁFIÁN L, PROVENZA F, **DÍAZ S**, BARANI H, BIRÓ M, MÁTÉ A, VADÁSZ C. 2020. Knowledge co-production with traditional herders on cattle grazing behaviour for better management of species-rich grasslands. **Journal of Applied Ecology**, doi:10.1111/1365- 2664.13664.
- THOMAS, H. J. D., A. D. BJORKMAN, I. H. MYERS-SMITH, S. C. ELMENDORF, J. KATTGE, **S. DIAZ**, M. VELLEND, D. BLOK, J. H. C. CORNELISSEN, B. C. FORBES, G. H. R. HENRY, R. D. HOLLISTER, S. NORMAND, J. S. PREVÉY, C. RIXEN, G. SCHAEPMAN-STRUB, M. WILMKING, S. WIPF, W. K. CORNWELL, P. S. A. BECK, D. GEORGES, S. J. GOETZ, K. C. GUAY, N. RÜGER, N. A. SOUDZILOVSKAIA, M. J. SPASOJEVIC, J. M. ALATALO, H. D. ALEXANDER, A. ANADON-ROSELL, S. ANGERS-BLONDIN, M. TE BEEST, L. T. BERNER, R. G. BJÖRK, A. BUCHWAL, A. BURAS, M. CARBOGNANI, K. S. CHRISTIE, L. S. COLLIER, E. J. COOPER, B. ELBERLING, A. ESKELINEN, E. R. FREI, O.

- GRAU, P. GROGAN, M. HALLINGER, M. M. P. D. HEIJMANS, L. HERMANUTZ, J. M. G. HUDSON, J. F. JOHNSTONE, K. HÜLBER, M. ITURRATE-GARCIA, C. M. IVERSEN, F. JAROSZYNSKA, E. KAARLEJARVI, A. KULONEN, L. J. LAMARQUE, T. C. LANTZ, E. LÉVESQUE, C. J. LITTLE, A. MICHELSEN, A. MILBAU, J. NABE-NIELSEN, S. S. NIELSEN, J. M. NINOT, S. F. OBERBAUER, J. OLOFSSON, V. G. ONIPCHENKO, A. PETRAGLIA, S. B. RUMPF, R. SHETTI, J. D. M. SPEED, K. N. SUDING, K. D. TAPE, M. TOMASELLI, A. J. TRANT, U. A. TREIER, M. TREMBLAY, S. E. VENN, T. VOWLES, S. WEIJERS, P. A. WOOKEY, T. J. ZAMIN, M. BAHN, B. BLONDER, P. M. VAN BODEGOM, B. BOND-LAMBERTY, G. CAMPETELLA, B. E. L. CERABOLINI, F. S. CHAPIN, J. M. CRAINE, M. DAINESE, W. A. GREEN, S. JANSEN, M. KLEYER, P. MANNING, Ü. NIINEMETS, Y. ONODA, W. A. OZINGA, J. PEÑUELAS, P. POSCHLOD, P. B. REICH, B. SANDEL, B. S. SCHAMP, S. N. SHEREMETIEV, AND F. T. DE VRIEs. 2020. Global plant trait relationships extend to the climatic extremes of the tundra biome. **Nature Communications** 11:1351.
- STOTZ, G. C., J. F. CAHILL JR, J. A. BENNETT, C. N. CARLYLE, E. W. BORK, D. ASKARIZADEH, S. BARTHA, C. BEIERKUHNLEIN, B. BOLDGIV, L. BROWN, M. CABIDO, G. CAMPETELLA, S. CHELLI, O. COHEN, **S. DÍAZ**, L. ENRICO, D. ENSING, B. ERDENETSETSEG, A. FIDELIS, H. W. GARRIS, H. A. L. HENRY, A. JENTSCH, M. H. JOURI, K. KOOREM, P. MANNING, R. MITCHELL, M. MOORA, G. E. OVERBECK, J. PITHER, K. O. REINHART, M. STERNBERG, R. TUNGALAG, S. UNDRAKHBOLD, M. VAN ROOYEN, C. WELLSTEIN, M. ZOBEL, AND L. H. FRASER. 2020. Not a melting pot: Plant species aggregate in their non-native range. **Global Ecology and Biogeography** 29:482-490.
- ²**DÍAZ S**, J. SETTELE, E. S. BRONDÍZIO, H. T. NGO, J. AGARD, A. ARNETH, P. BALVANERA, K. A. BRAUMAN, S. H. M. BUTCHART, K. M. A. CHAN, L. A. GARIBALDI, K. ICHII, J. LIU, S. M. SUBRAMANIAN, G. F. MIDGLEY, P. MILOSLAVICH, Z. MOLNÁR, D. OBUA, A. PFAFF, S. POLASKY, A. PURVIS, J. RAZZAQUE, B. REYERS, R. R. CHOWDHURY, Y.-J. SHIN, I. VISSEREN-HAMAKERS, K. J. WILLIS, AND C. N. ZAYAS. 2019. Pervasive human-driven decline of life on Earth points to the need for transformative change. **Science** 366:eaax3100.
- GORNÉ LD, **DÍAZ**% **S**. 2019. Meta-analysis shows that rapid phenotypic change in Angiosperms in response to environmental change is followed by stasis **The American Naturalist** 194: 840-853.
- DURAN SM, MARTIN RE, **DÍAZ S**, MAITNER BS, MALHI Y, SALINAS N, SHENKIN A, SILMAN MT, WIECZYNSKI DJ, ASNER GP, BENTLY LP, SAVAGE VM, ENQUIST BJ. 2019. Informing trait-based ecology by assessing remotely-sensed functional diversity across a 4 broad tropical temperature gradient. **Science Advances** 2019 5: eaaw8114.
- TUCKER CM, AZE T, CADOTTE MW, CANTALAPIEDRA JL, CHISHOLM C , DÍAZ S , GRENYER R, HUANG D, MAZEL F, PEARSE WD, PENNELL MW, WINTER M AND MOOERS AO. 2019. Assessing the utility of conserving evolutionary history. **Biological Reviews**, doi:10.1111/brv.12526.
- LIPOMA ML, CUCHIETTI A, GORNE LD, **DÍAZ**% **S**. 2019. Not gone with the wind: Vegetation complexity increases seed retention during windy periods in the Argentine Semiarid Chaco. **Journal of Vegetation Science** 30: 542-552
- OLIVERAS, I., L. BENTLEY, N. M. FYLLAS, A. GVOZDEVAITE, A. F. SHENKIN, T. PREPAH, P. MORANDI, K. S. PEIXOTO, M. BOAKYE, S. ADU-BREDU, B. SCHWANTES MARIMON, B. H. MARIMON JUNIOR, R. MARTIN, G. ASNER, **S. DÍAZ**, B. J. ENQUIST, AND Y. MALHI. 2020. The Influence of Taxonomy and Environment on Leaf Trait Variation Along Tropical Abiotic Gradients. **Frontiers in Forests and Global Change** 3, <https://doi.org/10.3389/ffgc.2020.00018>
- HILL, R., Ç. ADEM, W. V. ALANGUI, Z. MOLNÁR, Y. AUMEERUDDY-THOMAS, P. BRIDGEWATER, M. TENGÖ, R. THAMAN, C. Y. ADOU YAO, F. BERKES, J. CARINO, M.

CARNEIRO DA CUNHA, M. C. DIAW, **S. DÍAZ**, V. E. FIGUEROA, J. FISHER, P. HARDISON, K. ICHIKAWA, P. KARIUKI, M. KARKI, P. O. B. LYVER, P. MALMER, O. MASARDULE, A. A. OTENG YEBOAH, D. PACHECO, T. PATARIDZE, E. PEREZ, M.-M. ROUÉ, H. ROBA, J. RUBIS, O. SAITO, AND D. XUE. 2020. Working with indigenous, local and scientific knowledge in assessments of nature and nature's linkages with people. **Current Opinion in Environmental Sustainability** 43:8-20.

LEACH, M., B. REYERS, X. BAI, E. S. BRONDIZIO, C. COOK, **S. DÍAZ**, G. ESPINDOLA, M. SCOBIE, M. STAFFORD-SMITH, AND S. M. SUBRAMANIAN. 2018. Equity and sustainability in the Anthropocene: a social–ecological systems perspective on their intertwined futures. **Global Sustainability** 1: e13.

DOUGHTY CE, SANTOS-ANDRADE PE, SHENKIN A, GOLDSMITH GR, BENTLEY LP, BLONDER B, **DÍAZ S**, SALINAS N, ENQUIST BJ, MARTIN RE, ASNER GP AND MALHI Y. 2018. Tropical forest leaves may darken in response to climate change. **Nature Ecology & Evolution** 2: 1918-1924.

BRUELHEIDE H, DENGLER J, PURSCHKE O, LENOIR J, JIMÉNEZ-ALFARO B, HENNEKENS SM, BOTTA-DUKÁT Z, CHYTRÝ M, FIELD R, JANSEN F, KATTGE J, PILLAR VD, SCHRODT F, MAHECHA MD, PEET RK, SANDEL B, VAN BODEGOM P, ALTMAN J, ALVAREZ DAVILA E, ARFIN KHAN MAS, ATTORRE F, AUBIN I, BARALOTO C, BARROSO JG, BAUTERS M, BERGMEIER E, BIURRUN I, BJORKMAN AD, BLONDER B, ČARNI A, CAYUELA L, ČERNÝ T, CORNELISSEN JHC, CRAVEN D, DAINESE M, DERROIRE G, DE SANCTIS M, **DÍAZ S**, DOLEŽAL J, FARFAN-RIOS W, FELDPAUSCH TR, FENTON NJ, GARNIER E, GUERIN GR, GUTIÉRREZ AG, HAIDER S, HATTAB T, HENRY G, HÉRAULT B, HIGUCHI P, HÖLZEL N, HOMEIER J, JENTSCH A, JÜRGENS N, KAČKI Z, KARGER DN, KESSLER M, KLEYER M, KNOLLOVÁ I, KOROLYUK AY, KÜHN I, LAUGHLIN DC, LENS F, LOOS J, LOUAULT F, LYUBENOVA MI, MALHI Y, MARCENÒ C, MENCUCCINI M, MÜLLER JV, MUNZINGER J, MYERS-SMITH IH, NEILL DA, NIINEMETS Ü, ORWIN KH, OZINGA WA, PENUELAS J, PÉREZ-HAASE A, PETŘÍK P, PHILLIPS OL, PÄRTEL M, REICH PB, RÖRMERMANN C, RODRIGUES AV, SABATINI FM, SARDANS J, SCHMIDT M, SEIDLER G, SILVA ESPEJO JE, SILVEIRA M, SMYTH A, SPORBERT M., SVENNING J, TANG Z, THOMAS R, TSIRIPIDIS I, VASSILEV K, VIOLLE C, VIRTANEN R, WEIHER E, WELK E, WESCHE K, WINTER M, WIRTH C, JANDT U. (2018). Global trait–environment relationships of plant communities. **Nature Ecology and Evolution** 2: 1906-1917.

BJORKMAN A D, MYERS-SMITH IH, ELMENDORF SC, NORMAND S, RÜGER N, BECK P SA, BLACH-OVERGAARD A, BLOK D, CORNELISSEN JHC, FORBES BC, GEORGES D, GOETZ SJ, GUAY KC, HENRY GHR, HILLERISLAMBERS J, HOLLISTER RD, KARGER D N, KATTGE J, MANNING P, PREVÉY JS, RIXEN C, SCHAEPMAN-STRUB G, THOMAS HJD, VELLEND M, WILMKING M, WIPF S, CARBOGNANI M, HERMANUTZ L, LÉVESQUE E, MOLAU U, PETRAGLIA A, SOUDZILOVSKAIA NA, SPASOJEVIC MJ, TOMASELLI M, VOWLES T, ALATALO JM, ALEXANDER HD, ANADON-ROSELL A, ANGERS-BLONDIN S, BEEST MT, BERNER L, BJÖRK RG, BUCHWAL A, BURAS A, CHRISTIE K, COOPER EJ, DULLINGER S, ELBERLING B, ESKELINEN A, FREI ER, GRAU O, GROGAN P, HALLINGER M, HARPER KA, HEIJMANS MMPD, HUDSON J, HÜLBER K, ITURRATE-GARCIA M, IVERSEN CM, JAROSZYNSKA F, JOHNSTONE JF, JØRGENSEN RH, KAARLEJÄRVI E, KLADY R, KULEZA S, KULONEN A, LAMARQUE LJ, LANTZ T, LITTLE C J, SPEED JDM, MICHELSEN A, MILBAU A, NABE-NIELSEN J, NIELSEN SS, NINOT JM, OBERBAUER SF, OLOFSSON J, ONIPCHENKO VG, RUMPF SB, SEMENCHUK P, SHETTI R, COLLIER LS, STREET LE, SUDING KN, TAPE KD, TRANT A, TREIER UA, TREMBLAY JP, TREMBLAY M, VENN S, WEIJERS S, ZAMIN T, BOULANGER-LAPOINTE N, GOULD W A, HIK DS, HOFGAARD A, JÓNSDÓTTIR IS, JORGENSON J, J KLEIN, MAGNUSSON B, TWEEDIE C, WOOKEY PA, BAHN M, BLONDER B, VAN BODEGOM PM, BOND-LAMBERTY B, CAMPETELLA G, CERABOLINI BEL, CHAPIN FS, CORNWELL WK, CRAINE J, DAINESE M, DE VRIES FT, **DÍAZ S**, ENQUIST BJ, GREEN W, MILLA R, NIINEMETS Ü, ONODA Y, ORDOÑEZ JC, OZINGA WA, PENUELAS J, POORTER H,

- POSCHLOD P., REICH PB, SANDEL B, SCHAMP B, SHEREMETEV S, AND WEIHER E. 2018. Plant functional trait change across a warming tundra biome. **Nature** 562: 57-62.
- MAZEL F, PENNELL MW, CADOTTE M, **DÍAZ S**, DALLA RIVA GV, GRENYER R, LEPRIEUR F, MOOERS AO, MOUILLOT D, TUCKER CM, PEARSE WD. 2018. Prioritizing phylogenetic diversity captures functional diversity unreliably. **Nature Communications** 9: 2888.
- ² **DÍAZ, S.**, PASCUAL, U., STENSEKE, M., MARTÍN-LÓPEZ, B., WATSON, R.T., MOLNÁR, Z., HILL, R., CHAN, K.M.A., BASTE, I.A., BRAUMAN, K.A., POLASKY, S., CHURCH, A., LONSDALE, M., LARIGAUDERIE, A., LEADLEY, P.W., VAN OUDENHOVEN, A.P.E., VAN DER PLAAT, F., SCHRÖTER, M., LAVOREL, S., AUMEERUDDY-THOMAS, Y., BUKVAREVA, E., DAVIES, K., DEMISSEW, S., ERPUL, G., FAILLER, P., GUERRA, C.A., HEWITT, C.L., KEUNE, H., LINDLEY, S. & SHIRAYAMA, Y. (2018) Assessing nature's contributions to people. **Science** 359, 270-272.
- BERMÚDEZ GMA., **DÍAZ S.** & DE LONGHI AL. 2018. Native plant naming by high-school students of different socioeconomic status: implications for botany education. **International Journal of Science Education** 40, 46-66.
- LIPOMA ML., FUNES G & **DÍAZ S.** 2018. Fire effects on the soil seed bank and post-fire resilience of a semi-arid shrubland in central Argentina. **Austral Ecology** 43, 46-55.
- BLONDER, B., SALINAS, N., BENTLEY, L.P., SHENKIN, A., CHAMBI PORROA, P.O., VALDEZ TEJEIRA, Y., BOZA ESPINOZA, T.E., GOLDSMITH, G.R., ENRICO, L., MARTIN, R., ASNER, G.P., **DÍAZ, S.**, ENQUIST, B.J. & MALHI, Y. 2018. Structural and defensive roles of angiosperm leaf venation network reticulation across an andes–amazon elevation gradient. **Journal of Ecology** 106:1683-1699. FI: 2.72
- GOLDSMITH GR, BENTLEY LP, SHENKIN A, SALINAS N, BLONDER B, MARTIN RE, CASTRO-CCOSSCO R, CHAMBI-PORROA P, **DÍAZ S**, ENQUIST BJ, ASNER GP, MALHI Y. 2017. **New Phytologist** 214: 989-1001, doi: 10.1111/nph.14121
- DOUGHTY, C. E., P. E. SANTOS-ANDRADE, G. R. GOLDSMITH, B. BLONDER, A. SHENKIN, L. P. BENTLEY, T. C. CHAVANA-BRYAN, W. HUARACA-HUASCO, **S. DÍAZ**, N. SALINAS, B. J. ENQUIST, R. MARTIN, R. G. P. ASNE, AND Y. MALHI. 2017. Can Leaf Spectroscopy Predict Leaf and Forest Traits Along a Peruvian Tropical Forest Elevation Gradient? **Journal of Geophysical Research: Biogeosciences** 122:2952-2965.
- BALVANERA, P., PASCUAL, U., **DÍAZ, S.**, DZIBA, L., RICHARD, A.H.P. & SUBRAMANIAN, S.M. 2017. Urgent need to strengthen the international commitment to IPBES. **Nature Ecology & Evolution** 1.
- PERIAGO, M.E., TAMBURINI, D.M., OJEDA, R.A., CACERES, D.M. & **DÍAZ S.** 2017. Combining ecological aspects and local knowledge for the conservation of two native mammals in the Gran Chaco. **Journal of Arid Environments** 147, 54-62.
- ² WRIGHT, I.J., DONG, N., MAIRE, V., PRENTICE, I.C., WESTOBY, M., **DÍAZ, S.**, Gallagher, R.V., Jacobs, B.F., Kooyman, R., Law, E.A., Leishman, M.R., Niinemets, Ä., Reich, P.B., Sack, L., Villar, R., Wang, H. & Wilf, P. 2017 Global climatic drivers of leaf size. **Science** 357: 917-921.
- ² ISBELL, F., GONZALEZ, A., LOREAU, M., COWLES, J., **DÍAZ, S.**, HECTOR, A., MACE, G.M., WARDLE, D., O'CONNOR, M.I., DUFFY, J.E., TURNBULL, L.A., THOMPSON, P.L. & LARIGAUDERIE, A. 2017 Linking the influence and dependence of people on biodiversity across scales. **Nature** 546: 65-72.
- GORNÉ LD, **DÍAZ S.** 2017 A novel meta-analytical approach to improve systematic review of rates and patterns of microevolution. **Ecology and Evolution** 7: 5821-5832.
- ENQUIST BJ, PATRICK BENTLEY L, SHENKIN A, MAITNER B, SAVAGE V, MICHALETZ S, BLONDER B, BUZZARDI V, BOZA ESPINOZA TE, FARFÁN-RÍOS W, DOUGHTY C, GOLDSMITH GR, MARTIN RE, SALINAS N, SILMAN M, **DÍAZ S**, ASNER GP, MALHI Y.

2017. Assessing trait-based scaling theory in tropical forests spanning a broad temperature gradient. **Global Ecology and Biogeography** 26: 1357–1373. doi: [10.1111/geb.12645](https://doi.org/10.1111/geb.12645).
- FYLLAS, N.M., BENTLEY, L.P., SHENKIN, A., ASNER, G.P., ATKIN, O.K., **DÍAZ, S.**, ENQUIST, B.J., FARFAN-RIOS, W., GLOOR, E., GUERRIERI, R., HUASCO, W.H., ISHIDA, Y., MARTIN, R.E., MEIR, P., PHILLIPS, O., SALINAS, N., SILMAN, M., WEERASINGHE, L.K., ZARAGOZA-CASTELLS, J. & MALHI, Y. 2017 Solar radiation and functional traits explain the decline of forest primary productivity along a tropical elevation gradient. **Ecology Letters** 20: 730-740.
- BUTLER E. E., A. DATTA, H. FLORES-MORENO, M. CHEN, K. R. WYTHERS, F. FAZAYELI, A. BANERJEE, O. K. ATKIN, J. KATTGE, B. AMIAUD, B. BLONDER, G. BOENISCH, B. BOND-LAMBERTY, K. A. BROWN, C. BYUN, G. CAMPETELLA, B. E. L. CERABOLINI, J. H. C. CORNELISSEN, J. M. CRAINE, D. CRAVEN, F. T. DE VRIES, **S. DÍAZ**, T. F. DOMINGUES, E. FOREY, A. GONZÁLEZ-MELO, N. GROSS, W. HAN, W. N. HATTINGH, T. HICKLER, S. JANSEN, K. KRAMER, N. J. B. KRAFT, H. KUROKAWA, D. C. LAUGHLIN, P. MEIR, V. MINDEN, Ü. NIINEMETS, Y. ONODA, J. PEÑUELAS, Q. READ, L. SACK, B. SCHAMP, N. A. SOUDZILOVSKAIA, M. J. SPASOJEVIC, E. SOSINSKI, P. E. THORNTON, F. VALLADARES, P. M. VAN BODEGOM, M. WILLIAMS, C. WIRTH, AND P. B. REICH. 2017. Mapping local and global variability in plant trait distributions. **Proceedings of the National Academy of Sciences** 114: E10937-E10946.
- ² PASCUAL U, BALVANERA P, **DÍAZ% S**, PATAKI G, ROTH W, STENSEKE M, WATSON R, BAŞAK DESSANE E, BRESLOW SJ, ISLAR M, KELEMEN E, KEUNE H, MARISV, PENGUE W, QUAAS M, SUBRAMANIAN SM, WITTMER H, MOHAMED AA, AL-HAFEDH AY, ASAH ST, BERRY P, BILGIN A, BULLOCK C, CÁCERES DM, GOLDEN C, GÓMEZ-BAGGETHUN E, GONZÁLEZ-JIMÉNEZ D, HOUDET J, KUMAR R, MAY PH, MEAD A, O'FARRELL P, PACHECO-BALANZA D, PANDIT R, PICHS-MADRUGA R, POPA F, PRESTON S, SAARIKOSKI H, STRASSBURG BB, VERMA M, YAGI N, AHN SE, AMANKWAH E, DALY-HASSEN H, FIGUEROA E, MA K, VAN DEN BELT M, WICKSON F. 2017. Valuing nature's contributions to people. The IPBES approach. **Current Opinion in Environmental Sustainability** 26: 7-17.
- GARNIER E, STAHL U, LAPORTE M-A, KATTGE J, MOUGENOT I, KUEHN I, LAPORTE B, AMIAUD B, AHRESTANI F, BÖNISCH G, BUNKER D, CORNELISSEN JHC, **DÍAZ S**, ENQUIST B, GACHET S, JAUREGUIBERRY P, KLEYER M, LAVOREL S, MAICHER L, PÉREZ-HARGUINDEGUY N, POORTER H, SCHILDHAUER M, SHIPLEY B, VIOLLE C, WEIHER E, WIRTH C, WRIGHT IJ, KLOTZ S. 2017. Towards a thesaurus of plant characteristics: an ecological contribution. **Journal of Ecology** 105: 298-309.
- BLONDER B, SALINAS N, BENTLEY LP, SHENKIN A, CHAMBI-PORROA PO, VALDEZ TEJEIRA Y, BIOLLE C, FYLLAS NM, ASNER GR, MARTIN R, **DÍAZ S**, ENQUIST BJ, MALHI Y. 2017. Predicting trait-environment relationships for venation networks along an Andes-Amazon elevation gradient. **Ecology** 98: 1239-1255.
- ¹ **DÍAZ S**, KATTGE J, CORNELISSEN JHC, WRIGHT IJ, LAVOREL L, DRAY S, REU B, KELYER M, WIRTH C, PRENTICE IC, GARNIER E, BÖNISCH G, WESTOBY M, POORTER H, REICH PB, MOLES AT, DICKIE J, GILLISON AN, ZANNE AE, CHAVE J, WRIGHT SJ, SHEREMET'EV S, JACTEL H, BRALOTO C, CERABOLINI B, PIERCE S, SHIPLEY B, KIRKUP D, CASANOVES F, JOSWIG JS, GUNTHER A, FALCZUK V, RUGER N, MAHECHA MD, GORNÉ LD. 2016. The global spectrum of plant form and function. **Nature** 529: 167–171, doi:10.1038/nature16489.
- HUYGENS D, **DÍAZ% S**, URCELAY C, BOECKX P. 2016. Microbial recycling of dissolved organic matter confines plant nitrogen uptake to inorganic forms in a semi-arid ecosystem. **Soil Biology and Biochemistry** 101: 142-151.
- LIPOMA, M.L., GURVICH, D.E., URCELAY, C. & **DIAZ%, S.** 2016 Plant community resilience in the face of fire: experimental evidence from a semi-arid shrubland. **Austral Ecology** 41: 501-511.

- PIERCE S, NEGREIROS D, CERABOLINI BEL, KATTGE J, **DÍAZ S**, KLEYER M, SHIPLEY B, Wright SJ, Soudzilovskaia NA, Onipchenko VG, van Bodegom PM, Frenette-Dussault C, Weiher E, Pinho BX, Cornelissen JHC, Grime JP, Thompson K, Hunt R, Wilson PJ, Buffa G, Nyakunga OC, Reich PB, Caccianiga M, Mangili F, Ceriani RM, Luzzaro A, Brusa G, Siefert A, Barbosa NPU, Chapin FS III, Cornwell WK, Fang J, Fernandez GW, Garnier E, Le Stradic S, Peñuelas J, Melo FPL, Slaviero A, Tabarelli M, Tampucci D. 2016. A global method for calculating plant CSR ecological strategies applied across biomes world-wide. **Functional Ecology** 31: 444-457. doi: 10.1111/1365-2435.12722
- ASNER GP, MARTIN RE, ANDERSON CB, KRYSTON K, VAUGHN N, KNAPP DE, BENTLEY LP, SHENKIN A, SALINAS N, SINCA F, TUPAYACHI R, QUISPE HUAYPAR K, MONTOYA PILLCO M, ÁLVAREZ C, DELIS F, **DÍAZ S**, ENQUIST BJ, MALHI Y. 2017. Scale dependence of canopy trait distributions along a tropical forest elevation gradient. **New Phytologist** 214: 973-988. doi: 10.1111/nph.14068
- NEYRET M, BENTLEY LP, OLIVERAS I, MARIMON BS, MARIMON-JUNIOR BH, ALMEIDA DE OLIVEIRA E, BARBOSA PASSOS F, CASTRO CCOSCCO R, SANTOS J, REIS SM, MORANDI PS, RAYME PAUCAR G, CÁCERES AR, VALDEZ TEJEIRA Y, CHOQUE Y, SALINAS N, SHENKIN A, ASNER GP, **DÍAZ S**, ENQUIST BJ, MALHI Y. 2016. Examining variation in the leaf mass per area of dominant species across two contrasting tropical gradients in light of community assembly. **Ecology and Evolution** 6: 5674-5689.
- TURNER BL II, ESLER KJ, BRIDGEWATER P, TEWKSBURY J, SITAS JN, ABRAHAMS B, CHAPIN FS III, ROY CHOWDHURY R, CHRISTIE P, **DÍAZ S**, FIRTH P, KNAPP CN, KRAMER J, LEEMANS R, PALMER M, PIETRI D, PITTMAN J, SARUKHÁN J, SHACKLETON R, SEIDLER R, VAN WILGEN B, MOONEY HA. 2016. Socio-Environmental Systems (SES) Research: what have we learned and how can we use this information in future research programs. **Current Opinion in Environmental Sustainability** 19: 160-168.
- CÁCERES DM, SILVETTI F, **DÍAZ S**. 2016. The rocky path from policy-relevant science to policy implementation—a case study from the South American Chaco. **Current Opinion in Environmental Sustainability** 19: 57-66.
- ² CHAN KMA, BALVANERA P, BENESSAIAH K, CHAPMAN M, **DÍAZ S**, GÓMEZ-BAGGETHUN E, GOULD R, HANNAHS N, JAX K, KLAIN S, LUCK GW, MARTÍN-LÓPEZ B, MURACA B, NORTON B, OTT K, SATTERFIELD T, TADAKI M, TAGGART J, TURNER N. 2016. Why protect nature? Rethinking values and the environment. **Proceedings of the National Academy of Sciences USA** 113 (6) 1462-1465; doi:10.1073/pnas.1525002113.
- ² FRASER, L. H., J. PITHER, A. JENTSCH, M. STERNBERG, M. ZOBEL, D. ASKARIZADEH, S. BARTHA, C. BEIERKUHNLIN, J. A. BENNETT, A. BITTEL, B. BOLDRINI, II, E. BORK, L. BROWN, M. CABIDO, J. CAHILL, C. N. CARLYLE, G. CAMPETELLA, S. CHELLI, O. COHEN, A. M. CSERGO, **S. DIAZ**, L. ENRICO, D. ENSING, A. FIDELIS, J. D. FRIDLEY, B. FOSTER, H. GARRIS, J. R. GOHEEN, H. A. L. HENRY, M. HOHN, M. H. JOURI, J. KLIRONOMOS, K. KOOREM, R. LAWRENCE-LODGE, R. J. LONG, P. MANNING, R. MITCHELL, M. MOORA, S. C. MULLER, C. NABINGER, K. NASERI, G. E. OVERBECK, T. M. PALMER, S. PARSONS, M. PESEK, V. D. PILLAR, R. M. PRINGLE, K. ROCCAFORTE, A. SCHMIDT, Z. H. SHANG, R. STAHLMANN, G. C. STOTZ, S. SUGIYAMA, S. SZENTES, D. THOMPSON, R. TUNGALAG, S. UNDRAKHBOLD, M. VAN ROOYEN, C. WELLSTEIN, J. B. WILSON, AND T. ZUPO. 2015. Worldwide evidence of a unimodal relationship between productivity and plant species richness. **Science** 349:302-305.
- CARREÑO-ROCADADO G, PEÑA-CLAROS M, BONGERS F, **DÍAZ S**, QUÉTIER F, CHUVIÑA J, POORTER L. 2016. Land-use intensification effects on functional properties in tropical plant communities. **Ecological Applications** 16, 174-189. Doi: 10.1890/14-0340.

- WIGLEY BJ, SLINGSBY JA, **DÍAZ S**, BOND WJ, FRITZ H, COETSEE C. 2016. Leaf traits of African woody savanna species across climate and soil fertility gradients: evidence for conservative vs. acquisitive resource use strategies. **Journal of Ecology**, **104**, 1357-1369.
- CONTI G., KOWALJOW, E., BAPTIST F., RUMPEL C., CUCHIETTI A., PÉREZ-HARGUINDEGUY N, **DÍAZ S**. 2016. Altered soil carbon dynamics under different land-use regimes in subtropical seasonally-dry forests of central Argentina. **Plant and Soil**, **403**, 375-387, doi: 10.1007/s11104-016-2816-2.
- ¹ NEWBOLD T, HUDSON L, HILL SLL, CONTU S, LYSENKO I, SENIOR RA, BÖRGER L, BENNETT DOMINIC, CHOIMES ARGYRIOS, COLLEN B, DAY J, DE PALMA A, **DÍAZ S**, ECHERRIA- LONDOÑO S, EDGAR M, FELDMAN A, GARON M, HARRISON M, INGRAM DJ, ITESCU Y, KATTGE J, KEMP V, KIRKPATRICK L, KLEYER M, CPRREORA DLP. MARTIN C, MIERI S, NOVOSOLOVA M, PAN Y, PHILLIPS HRR, PURVES DW, ROBINSON A, SIMPSON J, WEIHER E, WHITE HANNAH, EWERS R, MACE GM, SCHARLEMANN JPW, PURVIS A. 2015. Global effects of land use on local terrestrial biodiversity. **Nature** **520**: 45-+.
- SCHRODT F, KATTGE J, SHAN H, FAZAYELI F, BANERJEE A, RIECHSTEN M, BOENISCH G, **DÍAZ S**, DICKIE J, GILLISON A, KARPATNE A, VIPIN KUMAR V. LAVOREL S, LEADLEY P, WIRTH C, WRIGHT I, WRIGHT SJ, REICH PB. 2015. BHPMF - A hierarchical Bayesian approach to gap-filling and trait prediction for macroecology and functional biogeography. **Global Ecology and Biogeography Letters** **24**: 1510-1521. doi:10.1111/geb.12335.
- ² BENNET EM, CRAMER W, BEGOSSI A, CUNDILL G, **DÍAZ S**, EGOH B, GEIJZENDORFFER IR, KRUG CB, LAVOREL S, ELENA LAZOS E, LABEL L, BERTA MARTÍN-LOPEZ B, PATRICK MEYFROIDT P, MOONEY HA, NEL JL, PASCUAL U, PAYET K, PÉREZ HARGUINDEGUY N, PETERSONG, PRIEUR-RICHARD A-H, REYERS B, ROEBELING P, SEPPELT R, SOLAN M, TSCHAKERT P, TSCHARNTKE T, TURNER BL, VERBURG PH, VIGLIZZO EF, WHITE PCL, WOODWARD G. 2015. Linking biodiversity, ecosystem services, and human well-being: Three challenges for designing research for sustainability. **Current Opinion in Environmental Sustainability** **14**, i76-85.
- PAINE CET, BARALOTO, C, **DÍAZ S**. 2015. Optimal strategies for sampling functional traits in species-rich forests. **Functional Ecology** **29**, 1325-1331. doi: 10.1111/1365-2435.12433.
- CÁCERES D, TAPELLA E, QUÉTIER, F, **DÍAZ S**. 2015. The social value of biodiversity and ecosystem services from the perspectives of different social actors. **Ecology and Society** **20**: 62. doi.org/10.5751/ES-07297-200162.
- ² **DÍAZ S**, DEMISSEW S., CARABIAS J., JOLY C., LONSDALE M., LARIGAUDERIE. A. 2015. A Rosetta Stone for nature's benefits to people. **Plos Biology** **13**: e1002040.
- ¹ **DÍAZ S**, DEMISSEW S., CARABIAS J., JOLY C., LONSDALE M., ASH N., LARIGAUDERIE A., ADHIKARI J.R., ARICO S., BÁLDI A., BARTUSKA A., BASTE I.A., BILGIN A., BRONDIZIO E., CHAN K.M.A., FIGUEROA V.E., DURAIAPPAH A., FISCHER M., HILL R., KOETZ T., LEADLEY P., LYVER P., MACE G.M., MARTIN-LOPEZ B., OKUMURA M., PACHECO D., PASCUAL U., PÉREZ E.S., REYERS B., ROTH E., SAITO O., SCHOLES R.J., SHARMA N., TALLIS H., THAMAN R., WATSON R., YAHARA T., HAMID Z.A., AKOSIM C., AL-HAFEDH Y., ALLAHVERDIYEV R., AMANKWAH E., ASAH T.S., ASFAW Z., BARTUS G., BROOKS A.L., CAILLAUX J., DALLE G., DARNAEDI D., DRIVER A., ERPUL G., ESCOBAR-EYZAGUIRRE P., FAILLER P., FOUA A.M.M., FU B., GUNDIMEDA H., HASHIMOTO S., HOMER F., LAVOREL S., LICHTENSTEIN G., MALA W.A., MANDIVENYI W., MATCZAK P., MBIZVO C., MEHRDADI M., METZGER J.P., MIKISSA J.B., MOLLER H., MOONEY H.A., MUMBY P., NAGENDRA H., NESSHOVER C., OTENG-YEBOAH A.A., PATAKI G., ROUÉ M., RUBIS J., SCHULTZ M., SMITH P., SUMAILA R., TAKEUCHI K., THOMAS S., VERMA M., YEO-CHANG Y. & ZLATANOVA D. 2015. The IPBES Conceptual Framework — connecting nature and people. **Current**

Opinion in Environmental Sustainability 14, 1-16.

<http://dx.doi.org/10.1016/j.cosust.2014.11.002>.

- ³ FINEGAN B., PEÑA-CLAROS M, DE OLIVEIRA A, ASCARRUNZ N, BRET-HARTE MS, CARREÑO-ROCADADO G, CASANOVES F, **DÍAZ S**, EGUIGUREN VELEPUCHA P, FERNÁNDEZ F, LICONA JC, LORENZO L, SALGADO NEGRET BE, VAZ M & POORTER L. 2014. Does functional trait diversity predict aboveground biomass and productivity of tropical forests? Testing three alternative hypotheses. **Journal of Ecology** 103: 191–201 doi: 10.1111/1365-2745.12346
- ² MACE, G.M., REYERS, B., ALKEMADE, R., BIGGS, R., CHAPIN, F.S., CORNELL, S.E., **DÍAZ S**, JENNINGS, S., LEADLEY, P., MUMBY, P.J., PURVIS, A., SCHOLLES, R.J., SEDDON, A.W.R., SOLAN, M., STEFFEN, W. & WOODWARD, G. 2014 Approaches to defining a planetary boundary for biodiversity. *Global Environmental Change*, 28: 289-297.
- KATTGE J, **DÍAZ S** & WIRTH C. 2014. Of carrots and sticks. **Nature Geoscience** 7: 778-779.
- JAUREGUIBERRY P & **DÍAZ S**. 2015. Post-burning regeneration of the Chaco seasonally dry forest: germination response of dominant species to experimental heat shock. **Oecologia** 177: 689-699.
- CONTI, G., PÉREZ HARGUINDEGUY, N., QUÉTIER, F.; GORNÉ, L.D.; JAUREGUIBERRY, P.; BERTONE, G.; ENRICO, L.; CUCHIETTI, A. & **DÍAZ S**. 2014. Large changes in carbon storage under different land-use regimes in subtropical seasonally dry forests of southern South America. **Agriculture, Ecosystems & Environment** 197, 68-76. DOI: 10.1016/j.agee.2014.07.025.
- BERMÚDEZ, G.M.A., **DÍAZ S**, DE LONGHI, A.L. & CATALAN, V.G. 2014 Didactic transposition of the biodiversity concept. A study of Spanish high-school textbooks. **Enseñanza de las Ciencias** 32, 285-302.
- FLORES O. GARNIER E, WRIGHT IJ, REICH PB, PIERCE S, **DÍAZ S**, PAKEMAN R, RUSCH GM, BERNARD-VERDIER M, TESTI B, BAKKER JP, BEKKER RM, ET AL. 2014. An evolutionary perspective on leaf economics: phylogenetics of leaf mass per area in vascular plants. **Ecology and Evolution** 4 (14): 2799–2811. doi: 10.1002/ece3.1087.
- ² MOLES AT, PERKINS SE, LAFFAN SW, FLORES-MORENO H, AWASTHY M, TNDALL ML, SACK L, PITMAN, A, KATTGE J, AARSSSEN LW, ANAND M, BAHN M, BLONDER B, CAVENDER-BARES J, CORNELISSEN JHC, CORNWELL WK, **DÍAZ S**, ET AL.. 2014. Which is a better predictor of plant traits: temperature or precipitation? **Journal of Vegetation Science**, Doi: 10.1111/jvs.12190.
- EVANS, MR, BITHELL M, CORNELL SJ, DALL SRX., **DÍAZ S**, EMMOTT S, ERNANDE B, GRIMM V, HODGSON DJ, LEWIS SL, MACE GM, MORECROFT M, MOUSTAKAS A, MURPHY E, NEWBOLD T, NORRIS KJ, PETCHEY O, SMITH M, TRAVIS JMJ, BENTON TG. 2013. Predictive systems ecology. **Proceedings of the Royal Society B-Biological Sciences** 280: 20131452.
- ² **DÍAZ S**, PURVIS A, CORNELISSEN JHC, MACE GM, DONOGHUE M, JORDANO P, EWERS R, PEARSE W. 2013. Functional traits, the phylogeny of function, and ecosystem service vulnerability. **Ecology and Evolution** 3: 2958–2975 (DOI 10.1002/ece3.601).
- ¹ PÉREZ-HARGUINDEGUY N, **DÍAZ S**, GARNIER E, LAVOREL S, POORTER H, JAUREGUIBERRY P, BRET-HARTE SM, CORNWELL WK, ET AL.. 2013. New handbook for standardised measurement of plant functional traits worldwide. **Australian Journal of Botany** 61: 167–234.
- CONTI G, ENRICO L, CASANOVES F & **DÍAZ S**. 2013. Shrub biomass estimation in the semiarid Chaco forest: A contribution to the quantification of an underrated carbon stock. **Annals of Forest Science** 70: 515-524. doi 10.1007/s13595-013-0285-9..
- ² CONTI G & **DÍAZ S**. 2013. Plant functional diversity and carbon storage – an empirical test in semiarid forest ecosystems. **Journal of Ecology** 101: 18-28.

- ² LAVOREL S, STORKEY J, BARDGETT RD, DE BELLO F, BERG MP, LE ROUX X, MORETTI M, MULDER, C, PAKEMAN RJ, **DÍAZ S**, HARRINGTON R. 2013. A novel framework for linking functional diversity of plants with other trophic levels for the quantification of ecosystem services. **Journal of Vegetation Science** 24: 942–948.
- TECCO PA, URCELAY C, **DÍAZ S**, CABIDO M & PÉREZ-HARGUINDEGUY N. 2013. Contrasting functional trait syndromes underlay woody alien success in the same ecosystem. **Austral Ecology** 38: 443-451.
- LARIGAUDERIE A, PRIEUR-RICHARD A-H, MACE GM, LONSDALE M, MOONEY HA, BRUSSAARD L, COOPER D, CRAMER W, DASZAK P, **DÍAZ S**, DURAIAPPAH A, ELMQVIST T, FAITH DP, ET AL. 2012. Biodiversity and ecosystem services science for a sustainable planet: the DIVERSITAS vision for 2012–20. **Current Opinion in Environmental Sustainability** 4: 101–105.
- GARCÍA-LLORENTE M., MARTÍN-LÓPEZ B., **DÍAZ S**. & MONTES C.2011. Can ecosystem properties be fully translated into service values? An economic valuation of aquatic plants services. **Ecological Applications** 21: 3083-3103.
- ^{1*} KATTGE J, **DÍAZ S**, LAVOREL S, ET AL. 2011. TRY: a global database of plant traits. **Global Change Biology**, 17: 2905-2935.
- URCELAY C, VAIERETTI MV, PEREZ M, **DÍAZ S**. 2011. Effects of arbuscular mycorrhizal colonisation on shoot and root decomposition of different plant species and species mixtures. **Soil Biology and Biochemistry** 43:466-468.
- JAUREGUIBERRY P, BERTONE G, **DÍAZ S**. 2011. A device for the standard measurement of shoot flammability in the field. **Austral Ecology**, DOI: 10.1111/j.1442-9993.2010.02222.x.
- ² ONODA Y, WESTOBY M, ADLER P, CHOONG A, CLISSOLD F, CORNELISSEN, J H C, **DÍAZ S**, DOMINY N, ELGART A, ENRICO L, FINE P, HOWARD J, JALILI A, ET AL. 2011. Global patterns of leaf mechanical properties. **Ecology Letters**, DOI: 10.1111/j.1461-0248.2010.01582.x.
- ³ **DÍAZ S**, QUÉTIER F, CÁCERES DM, TRAINOR SF, PÉREZ-HARGUINDEGUY N, BRET-HARTE MS, FINEGAN B, PEÑA-CLAROS M, POORTER L. 2011. Linking functional diversity and social actor strategies in a framework for interdisciplinary analysis of nature's benefits to society. **Proceedings of the National Academy of Sciences USA** 108 (3): 895-902.
- KATTGE J, OGLE K, BOENISCH G, **DÍAZ S**, LAVOREL S, MADIN J, NADROWSKI K, NOELLERT S, SARTOR K, WIRTH C. 2010. A generic structure for plant trait databases. **Methods in Ecology and Evolution**, DOI 10.1111/j.2041-210X.2010.00067.x
- ² WRIGHT SJ, KITAJIMA K, KRAFT NJB, REICH PB, WRIGHT IJ, BUNKER DE, CONDIT, R, DALLING JW, DAVIES SJ, **DÍAZ S**, ENGELBRECHT BMJ, HARMS KE, HUBBELL SP, MARKS CO, RUIZ-JAEN MC, SALVADOR CM, ZANNE AE. 2010. Functional traits and the growth-mortality tradeoff in tropical trees. **Ecology**, 91: 3664-3674.
- ² CASANOVES F, PLA L, DI RIENZO J, **DÍAZ S**. 2010. Diversity: a software package for the integrated analysis of functional diversity. **Methods in Ecology and Evolution**, DOI: 10.1111/j.2041-210X.2010.00082.x
- ² DE BELLO F, LAVOREL S, **DÍAZ S**, CORNELISSEN JHC, BARDGETT RD, BERG MD, CIPRIOTTI P, FELD CK, HERING D, MARTINS DA SILVA P, POTTS SG, SANDING L, SOUSA JP, STORKEY J, WARDLE DA, HARRISON PA. 2010. Towards an assessment of multiple ecosystem processes via functional traits. **Biodiversity and Distributions** 19: 2873-2893.
- HODGSON JHG, SHARAFI M, JALILI A, **DÍAZ S**, MONTSERRAT-MARTÍ G, PALMER C, CERABOLINI B, PIERCE S, HAMZEHEE B, ASRI Y, JAMZAD Z, WILSON P, RAVEN JA, BAND SR, BASCONCELO S, BOGARD A, ET AL. 2010. Stomatal vs. genome size in angiosperms: the somatic tail wagging the genomic dog? **Annals of Botany** 105: 573-584.

- ³ MACE, GM, CRAMER W, **DÍAZ S**, FAITH DP, LARIGAUDERIE A, LE PRESTE P, PALMER M, PERRINGS C, SCHOLES RJ, WALPOLE M, WALTHER BA, WATSON JEM, MOONEY HA. 2010. Biodiversity targets after 2010. **Current Opinion in Environmental Sustainability** 2: 3-8.
- ³ TECCO PA, **DÍAZ S**, CABIDO M, URCELAY C. 2010. Functional traits of alien plants across contrasting climatic and land use regimes: do aliens join the locals or try harder than them? **Journal of Ecology** 98: 17-27.
- ³ URCELAY C, **DÍAZ S**, GURVICH DE, CHAPIN FS III, CUEVAS E & DOMÍNGUEZ LS. 2010. Mycorrhizal community resilience in response to experimental plant functional type removals in a woody ecosystem. **Journal of Ecology** 97: 1291-1301.
- ³ **DÍAZ S**, HECTOR A, WARDLE DA. 2009. Biodiversity in forest carbon sequestration initiatives: not just a side benefit. **Current Opinion in Environmental Sustainability** 1: 55-60.
- ² LUCK GW, HARRINGTON R, HARRISON PA, KREMEN C, BERRY PM, BUTGER R, DAWSON TP, DE BELLO F, **DÍAZ S**, FELD CK, HASLETT JR, HERING D, ET AL. 2009. Quantifying the Contribution of Organisms to the Provision of Ecosystem Services. **Bioscience** 59: 223-235.
- ¹ CARPENTER SR, MONEY HA, AGARD J, CAPISTRANO D, DEFRIES RS, **DÍAZ S**, DIETZ T, DURAIAPPAH AK, OTENG-YEBOAH A, PEREIRA AHM, PERRINGS C, REID WV, SARUKHAN J, SCHOLES RJ, WHYTE A. 2009. Science for managing ecosystem services: Beyond the Millennium Ecosystem Assessment. **Proceedings of the National Academy of Sciences USA** 106:1305-1312.
- ¹ CORNWELL, W. K., J. H. C. CORNELISSEN, K. AMATANGELO, E. DORREPAAL, V. T. EVINER, O. GODOY, S. E. HOBBIE, B. HOORENS, H. KUROKAWA, N. PÉREZ HARGUINDEGUY, H. M. QUESTED, L. S. SANTIAGO, D. A. WARDLE, I. J. WRIGHT, R. AERTS, S. D. ALLISON, P. VAN BODEGOM, V. BROVKIN, A. CHATAIN, T. V. CALLAGHAN, S. **DÍAZ**, 2008. Plant species traits are the predominant control on litter decomposition rates within biomes worldwide. **Ecology Letters** 11:1065-1071.
- PÉREZ-HARGUINDEGUY N, BLUNDO CM, GURVICH DE, **DÍAZ S**, CUEVAS, E. 2008. More than the sum of its parts? Assessing litter heterogeneity effects on the decomposition of litter mixtures through leaf chemistry. **Plant and Soil** 303: 151-159.
- ^{1*} **DÍAZ S**, LAVOREL S, DE BELLO F, QUÉTIER F, GRIGULIS K, ROBSON TM. 2007. Incorporating plant functional diversity effects in ecosystem service assessments. **Proceedings of the Natural Academy of Sciences USA** 104: 20684-20689.
- PÉREZ-HARGUINDEGUY N, **DÍAZ S**, VENDRAMINI F, GURVICH DE, CINGOLANI AM, GIORGIS MA, CABIDO M. 2007. Direct and indirect effects of climate on decomposition in native ecosystems from central Argentina. **Austral Ecology** 32: 749–757.
- ² ZAK M, CABIDO M, CÁCERES M, **DÍAZ S**. 2008. What drives accelerated land cover change in central Argentina? Synergistic consequences of climatic, socioeconomic, and technological factors. **Environmental Management** 42:181-189
- ² SUDING CN, LAVOREL S, CHAPIN FS III, CORNELISSEN JHC, **DÍAZ S**, GARNIER E, ET AL. 2008. Scaling environmental change through the community level: A trait-based response and effect framework for plants. **Global Change Biology** 14, 1-16.
- ² CINGOLANI AM, CABIDO M., GURVICH DE, RENISON D, **DÍAZ S**. 2007. Filtering processes in the assembly of plant communities: are species presence and abundance driven by the same traits? **Journal of Vegetation Science** 19: 911-920.
- VAIERETTI MV, **DÍAZ S**, VILE D, GARNIER E. 2007. Two measurement methods of leaf dry matter content produce similar results in a broad range of species. **Annals of Botany** 99: 955–958.

- ^{2*} **DÍAZ, S.**, LAVOREL S, MCINTYRE, S FALCZUK V, CASANOVES F, MILCHUNAS DG et al. 2007. Plant responses to grazing: A global synthesis. **Global Change Biology** 13, 313–341.
- ^{2*} **DÍAZ, S.**, FARGIONE, J., CHAPIN, F.S. & TILMAN, D. 2006. Biodiversity loss threatens human well-being. **PLoS Biology** 4: 1300-1305.
- ³ ROUMET, C., URCELAY, C. & **DÍAZ%, S.** 2006. Suites of root traits differ between annual and perennial species growing in the field. **New Phytologist** 170: 357-368.
- GURVICH D.E., TECCO P.A. & **DÍAZ%, S.** 2005. Plant invasion in undisturbed ecosystems: the triggering attributes approach. **Journal of Vegetation Science** 16: 723-728.
- ² VILE, D., GARNIER, E., SHIPLEY, B., LAURENT, G., NAVAS, M.-L., ROUMET, C., LAVOREL, S., **DÍAZ% S.**, et al. 2005. Specific leaf area and dry matter content estimate thickness in laminar leaves. **Annals of Botany** 96: 1129–1136.
- HODGSON, J. G., MONTSERRAT-MARTÍ, G., TALLOWIN, J., THOMPSON, K., **DÍAZ, S.**, CABIDO, M., et al. 2005. How much will it cost to save grassland diversity? **Biological Conservation** 122: 263-273.
- ² CINGOLANI, A., NOY-MEIR, I. & **DÍAZ, S.** 2005. Grazing effects on rangeland diversity: a synthesis of contemporary models. **Ecological Applications** 15: 757-773.
- URCELAY, C., BRET-HARTE, M.S., **DÍAZ%, S.** & CHAPIN, F. S. III. 2003. Mycorrhizal colonization mediated by species interactions in Arctic tundra. **Oecologia** 137: 399-404.
- FUNES, G., BASCONCELO, S., **DÍAZ%, S.** AND CABIDO, M. 2003. Seed bank dynamics in tall-tussock grasslands along an altitudinal gradient. **Journal Vegetation Science** 14: 253-258.
- ² URCELAY, C. & **DÍAZ%, S.** 2003. The mycorrhizal dependence of subordinates determines the effect of arbuscular mycorrhizal fungi on plant diversity. **Ecology Letters** 6: 388-391.
- GURVICH, D.E., **DÍAZ%, S.** FALCZUK, V., PÉREZ-HARGUINDEGUY, N., CABIDO, M. & THORPE, P.C. 2002. Foliar resistance to simulated extreme climatic events in contrasting plant functional and chorological types. **Global Change Biology** 8: 1139-1145.
- ² VENDRAMINI, F., **DÍAZ, S%.**, GURVICH, D.E., WILSON, P.J., THOMPSON, K. & HODGSON, J.G. 2002. Leaf traits as indicators of resource-use strategy in floras with succulent species. **New Phytologist** 154: 147-158.
- ¹ **DÍAZ, S.**, HODGSON, J.G., THOMPSON, K., CABIDO, M., CORNELISSEN, J.H.C., JALILI, A., et al. 2004. The plant traits that drive ecosystems: Evidence from three continents. **Journal of Vegetation Science** 15: 295-304.
- ¹ CORNELISSEN, J.H.C., LAVOREL, S., GARNIER, E., **DÍAZ%, S.**, BUCHMANN, N., GURVICH, D.E., et al. 2003. Handbook of protocols for standardised and easy measurement of plant functional traits worldwide. **Australian Journal of Botany** 51: 335-380.
- ² **DÍAZ, S.**, SYMSTAD, A. J., CHAPIN, F. S. III, WARDLE, D. A. & HUENNEKE, L. F. 2003. Functional diversity revealed by removal experiments. **Trends in Ecology and Evolution**. 18: 140-146.
- ^{1*} **DÍAZ, S.** & CABIDO, M. 2001. Vive la différence: plant functional diversity matters to ecosystem functioning (review article). **Trends in Ecology and Evolution** 16: 646-655.
- ² **DÍAZ, S.**, NOY-MEIR, I. & CABIDO, M. 2001. Can grazing response of herbaceous plants be predicted from simple vegetative traits? **Journal of Applied Ecology** 38: 487-508.
- ² PÉREZ-HARGUINDEGUY, S., **DÍAZ%, S.**, CORNELISSEN, H., VENDRAMINI, F., CABIDO, M. & CASTELLANOS, A. 2000. Chemistry and toughness predict leaf litter decomposition rates over a wide spectrum of functional types and taxa in central Argentina. **Plant and Soil** 218: 21-30.

- ² PÉREZ-HARGUINDEGUY, N., **DÍAZ**, S., VENDRAMINI, F., CORNELISSEN, J.H.C., GURVICH, D.E. & CABIDO, M. 2003. Leaf traits and herbivore selection in the field and in cafeteria experiments. **Austral Ecology** 28: 642-650.
- ¹ CHAPIN, F. S. III, ZAVALA, E. S., EVINER, V. T., NAYLOR, R., VITOUSEK, P. R., REYNOLDS, H. L., HOOPER, D. U., LAVOREL, S., SALA, O. E., HOBBIE, S. E., MACK, M. C. & **DÍAZ**, S. (2000) Functional and societal consequences of changing biotic diversity. **Nature** 405: 234-242.
- ² CORNELISSEN, J.H.C., PÉREZ-HARGUINDEGUY, N., **DÍAZ**, S., GRIME, J.P., MARZANO, B., CABIDO, M., VENDRAMINI & F., CERABOLINI, B. 1999. Leaf structure and defence control litter decomposition rate across species, life forms and continents. **New Phytologist** 143: 191-200.
- ² **DÍAZ**, S., CABIDO, M. ZAK, M., MARTÍNEZ-CARRETERO, E. & ARANÍBAR, J. 1999. Plant functional traits, ecosystem structure, and land-use history along a climatic gradient in central-western Argentina. **Journal of Vegetation Science** 10: 651-660.
- ² FUNES G, BASCONCELO S, **DÍAZ*** S, CABIDO M. 1999. Seed size and shape are good predictors of seed persistence in the soil in temperate in mountain grasslands of Argentina. **Seed Science Research** 9: 341-345. **DÍAZ**, S., FRASER, L.H., GRIME, J.P. & FALCZUK, V. 1998. The impact of elevated CO₂ on plant-herbivore interactions: experimental evidence of moderating effects at the community level. **Oecologia** 117: 177-186.
- ³ **DÍAZ**, S., M. CABIDO & F. CASANOVES. 1998. Plant functional traits and environmental filters at the regional scale. **Journal of Vegetation Science** 9: 113-122.
- ² **DÍAZ**, S. & M. CABIDO. 1997. Plant functional types and ecosystem function in relation to global change. **Journal of Vegetation Science** 8: 463-474.
- DÍAZ**, S. 1996. The effects of elevated CO₂ on root symbionts mediated by plants. **Plant and Soil** 187: 309-320.
- DÍAZ**, S. 1995. Elevated- CO₂ responsiveness, interactions at the community level, and plant functional types. **Journal of Biogeography** 22: 289-295.
- GARDNER, S. M., M. CABIDO, G. R. VALLADARES & **S. DÍAZ**. 1995. Habitat disturbance in semi-arid Chaco: impacts on arthropod diversity. **Journal of Vegetation Science** 6: 349-356.
- DÍAZ**, S.; A. ACOSTA & M. CABIDO. 1994. Community structure in montane grasslands of central Argentina in relation to land use. **Journal of Vegetation Science** 5: 483-488.
- DÍAZ**, S.; A. ACOSTA & M. CABIDO. 1994. Grazing and the phenology of flowering and fruiting in a montane grassland in Argentina: a niche approach. **Oikos** 70: 287-295.
- ² **DÍAZ**, S., J. P. GRIME, J. HARRIS & E. McPHERSON. 1993. Evidence of a feedback mechanism limiting plant response to elevated carbon dioxide. **Nature** 364: 616-617.
- ACOSTA, A., **S. DÍAZ** & M. CABIDO. 1993. Struttura e variabilità delle praterie di altitudine delle montagne di Córdoba, Argentina. **Revue Valdôtaine Hist. Nat.** : 351-357.
- CABIDO, M., C. GONZALEZ, A. ACOSTA & **S. DÍAZ**. 1993. Vegetation changes along a precipitation gradient in central Argentina. **Vegetatio** (actualmente Plant Ecology) 109: 5-14.
- CABIDO, M., A. ACOSTA, M. L. CARRANZA & **S. DÍAZ**. 1992. La vegetación del Chaco Arido en el Oeste de la Provincia de Córdoba, Argentina. **Documents Phytosociologiques** (N. S.) Italia) 16:447-456. 13. PUCHETA, E.; **S. DÍAZ** & M. CABIDO. 1992. The effect of grazing on the structure of a high plateau grassland in central Argentina. **Coenoses** (ahora **Community Ecology**) 7: 145-152. **FI: 1.67**
- ² **DÍAZ**, S.; A. ACOSTA & M. CABIDO. 1992. Morphological analysis of herbaceous communities under different grazing regimes. **Journal of Vegetation Science** 3: 689-696.

- ACOSTA, A., M. CABIDO, **S. DÍAZ** & M. MENGHI. 1992. Patrones comunitarios a diferentes escalas en pastizales de las Sierras de Córdoba (Argentina). **Revista Chilena de Historia Natural** 65: 195-207.
- ACOSTA, A., **S. DÍAZ** & M. CABIDO. 1992. Patch structure in natural grasslands of Córdoba Mountains (Argentina) in relation to different rock substrates. **Coenoses** (ahora **Community Ecology**) 6: 21-27.
- MARCO, D, C. GONZALEZ ALBARRACIN & **S. DÍAZ**%. 1990. Estructura florística y organización espacial de los pastizales de Pampa del Matadero (Sierras de Córdoba, Argentina). **Parodiana** (Argentina) 6: 257-270.
- DÍAZ, S.**, A. ACOSTA & M. CABIDO. 1990. Spatial patterns and diversity in a post-ploughing succession in high plateau grasslands (Pampa de San Luis, Córdoba, Argentina). **Studia Geobotanica** 10: 3-13.
- CABIDO, M., A. ACOSTA & **S. DÍAZ**. 1989. The vascular flora and vegetation of granitic outcrops in the upper Córdoba Mountains, Argentina. **Phytocoenologia** 19: 267-281.
- ACOSTA, A., M. CABIDO, **S. DÍAZ** & M. MENGHI. 1989. Local and regional variability in granitic grasslands in the mountains of central Argentina. **Berichte Geobot. Inst. ETH, Stiftung Rubel (Zurich)** 55: 39- 50.
- DÍAZ, S.** & A. ACOSTA. 1989. Floristic and diversity changes in the phanerophytic vegetation of Copacabana watershed (Central Argentina) as a response to disturbance. **Coenoses** (ahora **Community Ecology**) 4: 107-111.
- CABIDO, M., A. ACOSTA & **S. DÍAZ**. 1989. Estudios fitosociológicos en pastizales de las Sierras de Córdoba (Argentina). Las comunidades de Pampa de San Luis. 917: 569-592.
- DÍAZ, S.** 1988. Taxinomia de los principales microhimenópteros . parasíticos de *Contarinia sorghicola* Coq. 1898 (Diptera: Cecidomyiidae) y observaciones preliminares sobre algunas características de sus poblaciones en Manfredi (Córdoba). **Revista de Ciencias Agropecuarias** (U. N. Córdoba) 6: 55-72.
- BONNIN, M., A. LAGUENS & **S. DÍAZ**. 1987. Ambiente actual y pasado en la cuenca del Río Copacabana (Dpto. Ischilín, Córdoba, Argentina): Una primera aproximación. **Publicaciones del Instituto de Antropología (U.N. Córdoba) Nueva Serie** 45: 29-66.
- DÍAZ, S.**, M. BONNIN, A. LAGUENS & M.R. PRIETO. 1987. Estrategias de explotación de los recursos naturales y procesos de cambio de la vegetación en la cuenca del Río Copacabana (Dpto. Ischilín, Pcia. de Córdoba). I. Mediados del siglo XVI - mediados del siglo XIX. **Publicaciones del Instituto de Antropología (U.N. Córdoba) Nueva Serie** 45: 67- 131.

Short articles, notes and editorials in international peer-reviewed journals

- CHAPLIN-KRAMER, R., K. A. BRAUMAN, J. CAVENDER-BARES, **S. DÍAZ**, G. T. DUARTE, B. J. ENQUIST, L. A. GARIBALDI, J. GELDMANN, B. S. HALPERN, T. W. HERTEL, C. K. KHOURY, J. M. KRIEGER, S. LAVOREL, T. MUELLER, R. A. NEUGARTEN, J. PINTO-LEDEZMA, S. POLASKY, A. PURVIS, V. REYES-GARCÍA, P. R. ROEHRDANZ, L. J. SHANNON, M. R. SHAW, B. B. N. STRASSBURG, J. M. TYLIANAKIS, P. H. VERBURG, P. VISCONTI, AND N. ZAFRA-CALVO. 2021. Conservation needs to integrate knowledge across scales. **Nature Ecology & Evolution**, <https://doi.org/10.1038/s41559-021-01605-x>.
- THOMPSON, K., **DÍAZ, S.** 2021. J. Philip Grime (1935-2021). **Nature Ecology & Evolution** 5: 890-891.
- CHAPIN F S III, **DÍAZ S.** 2020. Interactions between changing climate and biodiversity: Shaping humanity's future. **Proceedings of the National Academy of Sciences** 117: 6295-6296.

- PURVIS A., BUTCHART SHM., BRONDÍZIO ES, SETTELE J. & DÍAZ S. (2019) No inflation of threatened species. *Science*, 365: 767. FI: 13.25
- DÍAZ S**, J. SETTELE, E. BRONDIZIO, H. T. NGO, A. PFAFF, S. POLASKY, J. AGARD, A. ARNETH, P. BALVANERA, K. A. BRAUMAN, S. H. M. BUTCHART, K. M. A. CHAN, L. A. GARIBALDI, K. ICHII, J. LIU, S. M. SUBRAMANIAN, G. F. MIDGLEY, P. MILOSLAVICH, Z. MOLNÁR, D. OBURA, A. PURVIS, J. RAZZAQUE, B. REYERS, R. R. CHOWDHURY, Y.-J. SHIN, I. VISSEREN-HAMAKERS, K. J. WILLIS, AND C. N. ZAYAS. 2020. Investments' role in ecosystem degradation—response. *Science* 368: 377-377. FI: 13.25
- PEARSON R, MARTINEZ-MEYER E, ANDRADE VELÁZQUEZ M, CARON M, CORONA-NUÑEZ R, DAVIS K, DURÁN A, GARCÍA MORALES R, HACKETT TD, INGRAM DN, LOYOLA DÍAZ R, LESCANO JN, LIRA-NORIEGA A, LOPEZ-MALDONADO Y, MANUSCHEVICH D, MENDOZA AM, MILLIGAN B, MILLS SY, MOREIRA-ARCE D, NAVA L, OOSTRA V, OWEN N, PRIETO-TORRES D, RODRÍGUEZ SOTO C, SMITH TCA, SUGGITT A, TREJO HARISTOY C, VELÁSQUEZ-TIBATÁ J, **DÍAZ S**, MARQUET PA. 2019. Research priorities for maintaining biodiversity's contributions to people in Latin America. *UCL Open Environment 2019*: 02. doi:10.14324/111.444/000014.
- BALVANERA, P., PASCUAL, U., **DIAZ, S.**, DZIBA, L., RICHARD, A.-H.P. & SUBRAMANIAN, S.M. (2017) Urgent need to strengthen the international commitment to IPBES. *Nature Ecology & Evolution 1*, article 0197. doi:10.1038/s41559-017-0197.
- KUEMMERLE, T., ALTRICHTER, M., BALDI, G., CABIDO, M., CAMINO, M., CUELLAR, E., CUELLAR, R.L., DECARRE, J., **DÍAZ, S.**, GASPARRI, I., GAVIER-PIZARRO, G., GINZBURG, R., GIORDANO, A.J., GRAU, H.R., JOBBÁGY, E., LEYNAUD, G., MACCHI, L., MASTRANGELO, M., MATTEUCCI, S.D., NOSS, A., PARUELO, J., PIQUER-RODRÍGUEZ, M., ROMERO-MUÑOZ, A., SEMPER-PASCUAL, A., THOMPSON, J., TORRELLA, S., TORRES, R., VOLANTE, J.N., YANOSKY, A. & ZAK, M. (2017) Forest conservation: Remember Gran Chaco. *Science*, **355**, 465-465.
- PITHER JLH, FRASER LH, JENTSCH A, STERNBERG M, ZOBEL M, CAHILL J, BEIERKUHNLIN C, BARTHA S, BENNETT JA, BOLDGIV BROWN BLR, CABIDO M, CAMPETELLA G, CARLYLE CN, CHELLI S, A. M. R. CSERGÁ AM', **DÍAZ S**, ENRICO L, ENSING D, FIDELIS A, GARRIS HW, HENRY HAL, HAHN M, KLIRONOMOS J, KOOREM K, LAWRENCE-LODGE R, MANNING P, MITCHELL RJ, MOORA M, PILLAR VD, STOTZ GC, SUGIYAMA S, SZENTES S, TUNGALAG R, UNDRAKHBOLD S, WELLSTEIN C, ZUPO T. 2015. Response to Comment on "Worldwide evidence of a unimodal relationship between productivity and plant species richness". *Science* **351**: 457-457.
- GURVICH, D.E., TECCO, P.A. & **DIAZ%, S.** 2016. Response to Vergara et al. 2015-Fruiting phenology as a "triggering attribute" of invasion process: Do invasive species take advantage of seed dispersal service provided by native birds? *Biological Invasions* **18**, 2773-2774.
- DÍAZ S**, QUÉTIER F, TRAINOR SF, CÁCERES DM. 2011. Reply to Romero and Agrawal: Unpacking the specific links between biodiversity, ecosystem services, and social diversity is an essential first step. *Proceedings of the National Academy of Sciences USA* **108**: E197.
- CHIARUCCI A, PARTEL M, **DÍAZ S**, WILSON JB. 2010. Applied Vegetation Science in 2010: new opportunities for the vegetation scientists. *Applied Vegetation Science* 13:1-4.
- PARTEL M, CHIARUCCI A, **DÍAZ S**, WILSON JB. 2010. The nature of vegetation science. *Journal of Vegetation Science* **21**:1-5.
- WILSON JB, CHIARUCCI A, **DÍAZ S** & PÄRTEL M. 2009. A new publisher, and Editors' Award for 2008. *Applied Vegetation Science* 12:1-2.

- WILSON JB, CHIARUCCI A, **DÍAZ S** & PÄRTEL M. 2009. **Twentieth year of the *Journal of Vegetation Science*: the journal for all vegetation scientists.** *Journal of Vegetation Science* 20: 1-2.
- WILSON JB, CHIARUCCI A, **DÍAZ S** & WHITE PS. 2008. Invasive species, management for conservation and remote sensing. *Applied Vegetation Science* 11:1-2.
- WILSON JB, CHIARUCCI A, **DÍAZ S** & WHITE PS. 2008. Functional characters, texture and stress. - *Journal of Vegetation Science* 19: 1-2.
- CHIARUCCI A, COLLINS B, **DÍAZ S.**, WHITE PS. & WILSON JB. 2007. Ecological restoration as a central theme for applied vegetation science. *Applied Vegetation Science* 10: 1-2.
- CHIARUCCI A., COLLINS B., **DÍAZ S** & WHITE P. 2007. Experiments and field observations: Two predominant aspects of a multi-faceted vegetation science. - *Journal of Vegetation Science* 18: 1-2.
- WILSON JB, WHITE PS, BAKKER JP & **DÍAZ S**. 2006. [Disentangling the environment and representing vegetation science](#). *Journal of Vegetation Science* 17:1.
- WHITE P.S., CHIARUCCI A., COLLINS B. & **DÍAZ S**. 2006. Disturbance, seeds, restoration, and the importance of experiments and long-term observations: the Editors' Award for 2005 . *Applied Vegetation Science* 9: 1.
- WILSON J.B., WHITE P.S., BAKKER J.P., & **DÍAZ S**. 2005. Palaeo-ecology, switches, competition/disturbance, ancient forests and Editors' Award. *Journal of Vegetation Science* 16: 1-2.
- WILSON, J.B.; WHITE, P.S.; BAKKER, J.P. & **DÍAZ, S.** 2004. Restoration, succession and climatic change. *Applied Vegetation Science* 7: 151-152.
- WILSON, J.B.; WHITE, P.S.; BAKKER, J.P.; **DÍAZ, S.** 2004. Ecotones, herbivory, acceptance rate and electronic access. *Journal of Vegetation Science* 15: 1-2.
- DÍAZ, S.** 2002. The pondlife tells us something. *Trends in Ecology & Evolution* (commentary in TREE Journal Club) 17: 405.
- DÍAZ, S.** 2001. Complex interactions between plant diversity, succession and elevated CO₂. *Trends in Ecology & Evolution* (commentary in TREE Journal Club) 16: 667.
- DÍAZ, S.** 2001. Praise for the great biocenotic proletariat. *Trends in Ecology & Evolution* (commentary in TREE Journal Club) 16, 539-540.
- DÍAZ, S.** 2001. Ecosystem processes and the regeneration niche (TREE Journal Club commentary). *Trends in Ecology & Evolution* 16: 279.
- DÍAZ, S.** 2000. Old British grasslands may die hard, in the face of climate change (TREE Journal Club commentary). *Trends in Ecology & Evolution* 15: 447.
- WILSON J.B., WHITE P.S., BAKKER J.P., **DÍAZ S.** & FRANKLIN J. 2005. Functional signatures, epizoochory, mapping from satellites and Editors' Award. *Applied Vegetation Science* 8: 1-2.

Peer-reviewed book chapters

- BRONDIZIO ES, **DÍAZ S**, SETTELE J. & NGO HT. In press. Assessing a planet in transformation: Rationale and approach of the IPBES Global Assessment on Biodiversity and Ecosystem Services. In: Brondizio ES, Díaz, S, Settele J and Ngo HT (eds), Global Assessment Report of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. Secretariat of the Intergovernmental Science-Policy Platform for Biodiversity and Ecosystem Services, Bonn, Germany.
- DÍAZ S.** 2019. Why care about nature? A pluralistic agenda for biodiversity. In: Wyborn, C., Kalas, N., & Rust, N. (eds). Seeds of change: provocations for a new research agenda' Biodiversity Revisited Symposium Conference Proceedings, p. 62-65. 11-13 September 2019, Vienna, Austria. <https://doi.org/10.13140/RG.2.2.22170.59848/3>

- DÍAZ S**, DEMISSEW S, CARABIAS J, LAVOREL S, MARTÍN-LÓPEZ B, HILL R. 2016. The IPBES Conceptual Framework and how to use it. In: Baste & Demissew (Coord.). Guide on production of assessments from and across all scales, pp. 13-16. Intergovernmental Platform on biodiversity and Ecosystem Services, United Nations. <http://www.ipbes.net/work-programme/guide-production-assessments>.
- DÍAZ, S.** 2013. Ecosystem function measurement, terrestrial communities. In: Levin, S. (chief ed.) Encyclopedia of Biodiversity, 2nd Edition, revised and updated. Elsevier, Oxford. Volume 3, pp. 72-89. ISBN: 978012384719.
- MACE GM, PERRINGS C, LE PRESTRE P, CRAMER W, **DÍAZ S**, LARIGAUDERIE A, SCHOLLES RJ, MOONEY HA. 2013. Science to policy linkages for the post 2010 biodiversity target. In: Biodiversity monitoring and conservation: bridging the gaps between global commitment and local action (Eds. Collen B, Pettorelli B, Durant S, Baillie J, Linda Krueger L). Wiley-Blackwell, Oxford. ISBN 9781444332919 (printed) y 9781118490747 (on line).
- DÍAZ, S.** 2011. Introducción. En: Valoración y análisis de la diversidad funcional y su relación con los servicios ecosistémicos (eds Casanoves F, Pla L & Di Rienzo JA), pp 1-4. Centro Agronómico Tropical de Investigación y Enseñanza. Turrialba. ISBN 979-9977-57-539-1.
- DÍAZ S**, WARDLE D. & HECTOR A. 2009. Incorporating biodiversity in climate change mitigation initiatives. In: Biodiversity, Ecosystem Functioning, and Human Wellbeing (eds Naeem, S., Bunker, D. E., Hector, A., Loreau, M. and Perrings, C.). Oxford University Press, Oxford, pp. 149-166. ISBN: 9780199547968.
- CÁCERES D.M., SILVETTI F., **DÍAZ, S.** & CALVO S. 2008. Territorios con potencial de crecimiento acotado. Reconquista, Pcia. de Santa Fe. En: El Desarrollo Rural en la Argentina. Un Enfoque Territorial (eds Schejtman A & Barski O), pp. 198-217. Siglo XXI. Buenos Aires. ISBN: 978-987-629-055-5.
- CÁCERES D., SILVETTI F., **DÍAZ S.**, CALVO S. & QUÉTIER F. 2008. Environmental winners and losers in Argentina's soybean boom. En: Applying Ecological Knowledge to landuse decisions (eds Tiessen H & Steward JWB), pp. 65-72. IAI/SCOPE/IICA. ISBN: 978-85-99875-04-9 .
- FINEGAN, B.; SALGADO-NEGRET B.E., **DÍAZ S.** 2008. Tropical forest, functional biodiversity and ecosystem services: characterization and perspectives in relation to global change. En: Applying Ecological Knowledge to landuse decisions (eds Tiessen H & Steward JWB), pp. 98-110. IAI/SCOPE/IICA. ISBN: 978-85-99875-04-9
- NAEEM, S., COLWELL, R., **DÍAZ, S.**, HUGHES, J., JOUSEAU, C. ET AL. 2006. Predicting the ecosystem consequences of biodiversity loss at the landscape level. In: Terrestrial Ecosystems in a Changing World (eds Canadell J, Pitelka LF, Pataki D), pp. 113-126. Springer-Verlag, Berlin Heidelberg. ISBN: 978-3-540-32729-5.
- LAVOREL, S., **DÍAZ, S.** CORNELISSEN, H. GARNIER, ET AL. 2006. Plant functional types: are we getting any closer to the Holy Grail? In: Terrestrial Ecosystems in a Changing World (eds Canadell J, Pitelka LF, Pataki D), Springer-Verlag, pp. 149-160. Springer-Verlag. Berlin Heidelberg. ISBN: 978-3-540-32729-5.
- DÍAZ, S.**, LAVOREL, S. CHAPIN, F.S. III, TECCO, P.A., GURVICH, D.E. & GRIGULIS, K. 2006. Functional biodiversity – At the crossroads between responses to the environment and ecosystem functioning. In: Terrestrial Ecosystems in a Changing World (eds Canadell J, Pitelka LF, Pataki D), pp. 81-91. Springer-Verlag, Berlin Heidelberg. ISBN: 978-3-540-32729-5.
- CABIDO, M., ZAK, M.R., CINGOLANI, A., CÁCERES, D. & **DÍAZ, S.** 2005. Cambios en la cobertura de la vegetación del centro de Argentina. ¿Factores directos o causas subyacentes? En: Oesterheld, M., Aguiar, M., Ghersa, C. y J. Paruelo. La Heterogeneidad de la Vegetación de los Agroecosistemas. Ed. de la Facultad de Agronomía, Universidad Nacional de Buenos Aires, pp. 271-300. ISBN: 950-29-0902-X.

- ³ PUCHETA E, BONAMICI I, CABIDO M, **DÍAZ S.** 2004. Belowground biomass and productivity of a grazed site and a neighbouring ungrazed enclosure in a grassland in central Argentina. **Austral Ecology** 29: 201-208.
- DÍAZ, S.**, TILMAN, D & FARGIONE, J. 2005. Biodiversity regulation of ecosystem services. In: Hassan R, Scholes R, Ash N, editors. Ecosystems and human well-being - Current state and trends - Findings of the Condition and Trends Working Group of the Millennium Ecosystem Assessment. Island Press, Washington, DC: pp. 297-329. **ISBN: 9781559632270**
- DÍAZ, S.** 2002. Does biodiversity matter to terrestrial ecosystem processes and services? In: Steffen, W., Jaeger, J., Carson, D. & Bradshaw, C. (eds) Challenges of a changing Earth, pp. 165-167; Global change: the IGBP Series. Springer-Verlag, Heidelberg (Alemania). ISBN: 3540433082.
- HOOPER, D., BUCHMANN, N., DEGRANGE, V., **DÍAZ, S.**, GESSNER, M., GRIME, J.P., HULOT, F., MERMILLOD-BLONDIN, F., VAN PEER, L., ROY, J., SYMSTAD, A., SOLAN, M. & SPEHN, E. (2002) Species diversity, functional diversity and ecosystem functioning. In: Loreau, M., Naeem, S. & Inchausti, P. (eds) Biodiversity and ecosystem functioning: synthesis and perspectives, pp. 195-208; total pag. 294; Oxford Univ. Press (Inglaterra). ISBN: 0198515715.
- DÍAZ, S.**, BRISKE, D.D. & MCINTYRE, S. 2002. Range Management and Plant Functional Types. In: Global Rangelands: Progress and Prospects. Grice, A. C. & Hodgkinson, K. C.. CABI, Wallingford, UK, pp. 81-100; total pag. 320; ISBN: 0851995233.
- DÍAZ, S.** 2001. Ecosystem function measurement, terrestrial communities. In: Levin, S. (ed.) Encyclopedia of Biodiversity. Academic Press, San Diego (EE. UU.), vol. 2, pp. 321-343. total pag. 826; vol. 2. ISBN 0-12-226867-9.
- DIAS B, **DÍAZ, S.**, MCGLONE, M., HECTOR A., WARDLE D. A., RUARK, GITAY, H., TOIVONEN, H., THOMPSON, I., MULONGOY, K. J., STRAKA, P. & BURIANEK, V. 2003. Biodiversity: linkages to climate change. In: Watson, R. and Berghal, O. Interlinkages Between Biological Diversity and Climate Change -Advice on the Integration of Biodiversity Considerations into the Implementation of the United Nations Framework Convention on Climate Change and its Kyoto Protocol, pp. 19-29. Convention on Biological Diversity, Montreal. ISBN: 92-807-2389-8
- DÍAZ, S.** PEREZ-HARGUINDEGUY, N., VENDRAMINI, F., BASCONCELO, S., FUNES, G., CABIDO, M. CORNELISSEN, H. & FALCZUK, V. 1999. Plant traits as links between ecosystem structure and functioning. In: Eldridge, D. & Freudenberger, D. (eds), People and rangelands: building the future (Proceedings of the VI International Rangeland Congress; Australia), vol. 1, International Rangeland Congress Inc., pp 896-901, total pag. 554; ISBN 0-9577394-1-9.
- DÍAZ, S.**, M. CABIDO & F. CASANOVES. 1999. Functional implications of trait-environment linkages in plant communities. In: E. Weiher & P.A. Keddy (eds.), Ecological Assembly Rules: Perspectives, Advances, Retreats. Cambridge University Press, Cambridge, pp. 338-362; ISBN 0-521-65235-9.
- CANZIANI, O. & **S. DÍAZ.** 1997. Impacts of climate change and variability in Latin America. In: IPCC, Regional Impacts of Climate Change - Special Report of IPCC Working Group II. Cambridge University Press, Cambridge, pp 187-230; total pag. 517; ISB 0-521-63455-5.
- GRIME, J. P., J. G. H. HODGSON, R. HUNT, K. THOMPSON, G. HENDRY, B. D. CAMPBELL, A. JALILI, S. H. HILLIER, **S. DÍAZ** & M. J. W. BURKE. 1997. Functional types: Testing the concept in Northern England. In: Plant Functional Types (Eds T. Smith, H.H. Shugart & F.I. Woodward), pp. 123-151. Cambridge University Press, Cambridge. ISBN 0-521-56643-6.
- KIRSCHBAUM, M.U.F., J.R. EVANS, K. GOULDING, P.G. HARVIS, I.R. NOBLE, M. ROUNSEVELL, T.D. SHARKEY, M.P. AUSTIN, P. BROOKES, S. BROWN, H.K.M. BUGMANN, W.P. CRAMER, **S. DIAZ**, H. GITAY, S.P. HAMBURG, J. HARRIS, J.I. HOLTEN, P.E. KRIEDEMANN, H.N. Le HOUEROU, S. LINDER, R.J. LUXMOORE, R.E. McMURTRIE, L.F. PITELKA, D. POWLSON, R.J. RAISON, E.B. RASTETTER, R. ROETTER, J. ROGASIL, D.R. SAUERBECK, W. SOMBROEK & S.C. van den GEIJN. 1996. Ecophysiological, ecological, and soil processes in terrestrial ecosystems: a primer

on general concepts and relationships. In: IPCC 1995 - Second Assessment Report of the Working Group II of Intergovernmental Panel on Climatic Change (Eds. R.T. Watson, M.C. Zinyowera, R.H. Moss & D.J. Dokken), Cambridge University Press, Cambridge and New York, pp. 57-74. ; total pag. 872; ISBN 0-521-56437-9.

ALLEN-DÍAZ, B., CHAPIN F. S. III, **S. DÍAZ**, M. HOWDEN, J. PUIGDEFABREGAS and M. STAFFORD-SMITH. 1996. Rangelands in a changing climate: impacts, adaptations, and mitigation. In: IPCC 1995 - Second Assessment Report of the of the Working Group II of Intergovernmental Panel on Climatic Change (Eds. R.T. Watson, M.C. Zinyowera, R.H. Moss & D.J. Dokken), Cambridge University Press, Cambridge and New York, pp. 131-158; total pag. 872; ISBN 0-521-56437-9.

CABIDO, M., A. ACOSTA, **S. DÍAZ**, E. PUCHETA & C. GONZÁLEZ-ALBARRACÍN. 1995. Factores estructuradores en pastizales serranos del centro de Argentina. En: Sarmiento, G. y M. Cabido (eds.), Biodiversidad y funcionamiento de pastizales y sabanas en América Latina. CYTED-CIELAT, Mérida , pp. 101-129.

Published books, reports and policy briefs

PÖRTNER, H.O., SCHOLLES, R.J., AGARD, J., ARCHER, E., ARNETH, A., BAI, X., BARNES, D., BURROWS, M., CHAN, L., CHEUNG, W.L., DIAMOND, S., DONATTI, C., DUARTE, C., EISENHAUER, N., FODEN, W., GASALLA, M. A., HANDA, C., HICKLER, T., HOEGH-GULDBERG, O., ICHII, K., JACOB, U., INSAROV, G., KIESSLING, W., LEADLEY, P., LEEMANS, R., LEVIN, L., LIM, M., MAHARAJ, S., MANAGI, S., MARQUET, P. A., MCELWEE, P., MIDGLEY, G., OBERDORFF, T., OBURA, D., OSMAN, E., PANDIT, R., PASCUAL, U., PIRES, A. P. F., POPP, A., REYES-GARCÍA, V., SANKARAN, M., SETTELE, J., SHIN, Y. J., SINTAYEHU, D. W., SMITH, P., STEINER, N., STRASSBURG, B., SUKUMAR, R., TRISOS, C., VAL, A.L., WU, J., ALDRIAN, E., PARMESAN, C., PICHIS-MADRUGA, R., ROBERTS, D.C., ROGERS, A.D., **DÍAZ, S.**, FISCHER, M., HASHIMOTO, S., LAVOREL, S., WU, N., NGO, H.T. 2021. Scientific outcome of the IPBES-IPCC co-sponsored workshop on biodiversity and climate change; IPBES secretariat, Bonn, Germany, DOI:10.5281/zenodo.4659158.

DÍAZ S, SETTELE J, BRONDIZIO E, NGO HT, M. Guèze, J. Agard, A. Arneth, P. Balvanera, K. A. Brauman, S. H. M. Butchart, K. M. A. Chan, L. A. Garibaldi, K. Ichii, J. Liu, S. M. Subramanian, G. F. Midgley, P. Miloslavich, Z. Molnár, D. Obura, A. Pfaff, S. Polasky, A. Purvis, J. Razzaque, B. Reyers, R. Roy Chowdhury, Y. J. Shin, I.J. Visseren-Hamakers, K. J. Willis, and C. N. Zayas. 2019. Summary for Policymakers of the IPBES Global Assessment on Biodiversity and Ecosystem Services. IPBES, Bonn, 56 pages. <https://doi.org/10.5281/zenodo.3553579>

BRONDIZIO ES, **DÍAZ, S**, SETTELE J AND NGO HT (eds), Global Assessment Report of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. Secretariat of the Intergovernmental Science-Policy Platform for Biodiversity and Ecosystem Services, Bonn, Germany. In press. Global assessment report on biodiversity and ecosystem services of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. E IPBES secretariat, Bonn, Germany.

BAPTISTE B, PACHECO D, CARNEIRO DA CUNHA M, **DÍAZ S** (eds.). 2017. *Knowing our Lands and Resources: Indigenous and Local Knowledge of Biodiversity and Ecosystem Services in the Americas*. Knowledges of Nature 11. UNESCO: Paris, 166 p. ISBN: 978-92-3. <http://unesdoc.unesco.org/images/0026/002607/260779m.pdf>

IPBES. 2016. Preliminary guide on the diverse conceptualization of values of biodiversity and nature's benefits to people including ecosystem services. **Díaz S**, Pascual U, Pataki G, Steneke M, Watson R, Balvanera P, Dessane EB, Islar M, Quaas M, Subramanian SM, Wittner H (Eds). Intergovernmental Platform on biodiversity and Ecosystem Services, United Nations. http://www.ipbes.net/sites/default/files/downloads/IPBES-4-INF-13_EN.pdf

DÍAZ S, DEMISSEW S and the IPBES Multidisciplinary Expert Panel. 2013. Recommended conceptual framework for the Intergovernmental Science-Policy Platform for Biodiversity and Ecosystem Services. IPBES, United Nations. <http://www.ipbes.net/images/K1353197-en.pdf>

DURAIAPPAH A, LARIGAUDERIE A, BRONDIZIO ES., MACE GM, ARICO S, ASAH S, ASH N, BAPTISTE B. BROOKS T, CAILLAUX J, **DÍAZ S**, ESCOBAR-BRIONES E, EYZAGUIRRE P, FISCHER M, GUNDIMEDA H, HASHIMOTO S, JAMA MOHAMUD, LEADLEY P, MOONEY HA, MUMBY P, NAGENDRA H, NAKASHIMA D, NESSHOEVER C, NETTLETON CARINO J, PASCUAL U, REYERS B, SAITO O, SCHULTZ M, SPIERENBURG M, SUMAILA R, TALLIS H. 2013. Outcome of an informal expert workshop on main issues relating to the development of a conceptual framework for the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. UNEP. <http://www.ipbes.net/intersessional-process.html>

DÍAZ S, REYERS B, BERGENDORFF T, BRUSSARD L, COOPER D, CRAMER W, DURAIAPPAH A, ELMQVIST T, FAITH DP, FONSECA G, HAMMOND T, JACKSON LE, KRUG C, LARIGAUDERIE A et al. 2011. Rio + 20 Policy Brief on Biodiversity and ecosystems in a planet under pressure. Preparado por DIVERSITAS y el Panel Consultivo Científico y Técnico de GEF-UNEP, como aporte estratégico de la comunidad científica internacional a la Cumbre sobre Desarrollo Sostenible de las Naciones Unidas (Rio + 20). English and Spanish versions. On line versión <http://www.diversitas-international.org/resources/outreach/Policy%20Brief%20Rio-20%20Biodiversity.pdf>

ICSU-DiverSus-DIVERSITAS. 2009. Biodiversidad y bienestar humano en Latinoamérica y el Caribe: identificando prioridades para investigación, manejo y políticas. Una consulta multisectorial, Impresa por la Oficial Regional para América Latina y el Caribe de ICSU. On line version <http://www.icsu-lac.org/diversitas/diversitas.html>

ICSU-UNESCO-UNU (2008) Ecosystem Change and Human Well-being. Research and Monitoring Priorities Based on the Millennium Ecosystem Assessment. ICSU, Paris, 55 pp. ISBN 9780930357672.

DURAIAPPAH, A., NAEEM, S., AGARDY, T., COOPER, D., **DÍAZ, S.**, MACE, G., MCNEELY, J., PEREIRA, E., POLASKY, S., PRIP, C., SAMPER, C. SCHEI, P.J., VAN JAARVELD, A. 2005. Ecosystems and Human Well-Being. Biodiversity Synthesis Report of the Millennium Ecosystem Assessment, World Resources Institute, 86 pp. ISBN: 1569735883..

Major unpublished reports

DÍAZ S, ZAFRA-CALVO N, OBURA D, VERBURG P, CHAPLIN-KRAMER R, DECLERCK F, DE MEESTER L, DULLOO E, LEADLEY P, MARTÍN-LÓPEZ B, PURVIS A, SHAW R, VISCONTI P, et al. 2020. Synthesizing the scientific evidence to inform the development of the post-2020 global framework on biodiversity. Earth commission meeting report to the convention on biological diversity. Subsidiary Body on Scientific, Technical and Technological Advice, Convention on Biological Diversity, CBD/SBSTTA/24/inf/9. <https://www.cbd.int/doc/c/f06d/33a3/66a053f9d850143056c9a7b8/sbstta-24-inf-09-en.pdf>