

Geological Society of Nevada
GSN 2022 Symposium Call for Papers
Guidelines to Authors of Abstracts and Manuscripts
“Vision for Discovery: Geology and Ore Deposits of the Basin and Range”

The GSN 2022 Symposium Technical Committee is engaged in updating and confirming the programs of talks and posters planned for the week of May 2nd, 2022 at the Nugget Casino Resort in Sparks, Nevada. In the two field seasons following the postponement of Symposium 2020, work has continued on projects included in the original program and new projects have emerged. The ongoing work presents opportunities for the symposium to feature presentations that are current with research and provide an outlet for studies that have concluded. Accordingly, the Technical Committee is inviting submission of updated and new abstracts for talks and posters. Also, the committee is seeking confirmation from authors of 2020 completed studies of their intent to participate in the programs for 2022. We understand that some presenters who prepared abstracts for the 2020 symposium might not be available for 2022 due to continued meeting or travel restrictions or to changing priorities. The technical committee is open to virtual presentations to accommodate travel limitations.

The programs assembled for the postponed May 2020 GSN Symposium included 143 speakers, 10 keynote talks, and 73 posters totaling 193 abstracts. The 2020 Symposium proceedings, featuring 76 papers, were published on USB flash drive and 2 hard-bound paper volumes (1459 pages) in July 2020. These proceedings were distributed to then-active registrants and senior authors of the presentations. Copies are available for sale on the GSN Symposium Website.

In 2022, final Abstracts will be available in the 2022 Program with Abstracts as a paper copy or digital download. Papers new for 2022 will be published in an addendum to the 2020 proceedings. At present, the committee plans to publish the addendum for digital download and, possibly, as a limited edition softbound paper volume upon request. A final schedule for release of the 2022 proceedings is under review.

If your 2020 abstract will be acceptable for 2022, you do not have to revise.

Those scheduled speakers/poster presenters who did not write a paper for 2020 are encouraged to do so for the 2022 Proceedings.

If you plan to update your 2020 paper for 2022 please make sure at least 25% is new data, material, or interpretation. Duplicated 2020 versions for 2022 will not be accepted. Please indicate the new material and discuss with us. You may rewrite your 2020 abstract to include a small or large amount of new material for 2022 for your talk &/or poster.

DUE DATES SUMMARIZED

Draft Abstract Due: **AUGUST 1, 2021**

Final Revised Abstracts Due: **MARCH 1, 2022**

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Draft Manuscripts Due: **OCTOBER 31, 2021**

Final Revised Manuscripts Due: **MARCH 15, 2022**

Final revised papers in by March 15 should be available at least in digital download at the May 2022 Symposium.

Please read the following carefully, including the cited UGS Style Guide.

All manuscripts Submitted to the 2022 Symposium are subject to the following:

1) Ethical guidelines

- i) The Geological Society of America's Ethical Guidelines for Publication will govern the Symposium's editorial process (see <http://www.geosociety.org/pubs/ethics.htm>).

2) Disclaimer

- i) All manuscripts of this Symposium are to be published only to ensure the timely dissemination of scholarly research and technical work.
- ii) All information is published "as is" with all faults and without warranty of any kind, expressed or implied.
- iii) In no event shall the Geological Society of Nevada (GSN), its officers or members be liable for any incidental or consequential damages, even if the GSN has been informed of the possibility thereof.

3) Copyright

- i) Copyright and all other rights pertaining to submitted manuscripts are retained by the authors, GSN, and/or by other copyright holders.
- ii) Any person copying these manuscripts, in whole or in part, is expected to adhere to the terms and constraints invoked by each author's copyright. Extensive copying, reprint or republication may require the explicit prior written permission of the copyright holder. *Please contact the author(s) and GSN for permission, especially for use in advertising or company promotional material- which is strongly discouraged.*
- iii) The copyright law of the United States (*Title 17, United States Code*) governs the making of photocopies or other reproductions of copyrighted material. Under certain conditions, specified in the law, libraries and archives are authorized to furnish a photocopy or other reproductions. One of these specified conditions is that the photocopy or reproduction is not to be "used for any purpose other than

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private study, scholarship, or research." If anyone makes a request for, or later uses, a photocopy or reproduction for purposes in excess of "fair use," that person may be liable for copyright infringement.

4) Length

- i. Abstract
 - a. Abstracts should be limited to **500 words** not including Header Matter (Title, Authors, Affiliations, Town, State, etc.)
- ii. Manuscripts
 - a. Including all words in figures and references, manuscripts must
 - i. contain no fewer than 3,000 words and
 - ii. not exceed 20,000 words including references. **Strictly Enforced!**
- iii. Extended Abstracts
 - a. Extended Abstracts are 1000-3000 words and may include several figures, tables and a few references. A mini abstract or short introduction should head an extended abstract. A separate, regular length (**≤ 500 words**) abstract *is still required* for the technical program if giving a talk/poster. Poster Presenters are also encouraged to write at least an Extended Abstract.

5) Text format

- i. Text (and tables) are to
 - (1) be submitted as Microsoft Word (*.doc or docx) files and
 - (2) use
 - (a) Arial 12pt font, (*This font !*)
 - (b) flush left justified and ragged right margins
 - (c) no indentation of the first line of paragraphs
 - (d) single-line spacing within text
 - (e) double-line spacing between paragraphs.
 - (f) Do not submit as double column pages or other desktop publishing formats.

6) Text Layout

- i. The first "cover" page must state only:
 - (1) the title (keep it short- it is not an abstract!)
 - (2) authors' names, affiliations, city, state, country- if not US.
 - (3) authors' title or awards (Capt, Dr., Prof, PG, CPG, OBE) should not be included. Keep the affiliations short.
 - (4) the E-mail, mailing address and phone number of the corresponding author. **Mailing addresses will not be included in the Proceedings Headers.**
 - (5) a short-running title (2-5 words) for subsequent page headings.
 - (6) full information you put on the submission metadata e-sheets.
- ii. The second page must include:

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- (1) an abstract (a summary of the manuscript) not exceeding **500 words**). *This can be different than the original abstract submitted for the Program with Abstracts.*
 - (2) a list of a maximum of 6 keywords.
 - (3) Latitude and Longitude of central point of subject area unless not a geographic subject. The format must be decimal degrees and 2 decimal points are sufficient. This is for a summary location map.
 - (4) The first author is limited to 2 papers and 2 posters but may appear as a co-author in additional publications
- ii. Third and subsequent pages are to contain:
- (1) Main text, broken into sections and paragraphs, along with any supporting tables and figures.
 - (2) Headings for each section—only three ranks of headings for a paper’s heading will be accommodated—all text, including headings, is to be in Arial 12pt—as follows:
 - (a) **FIRST ORDER (centered, bold, capital letters)**
 - (b) **Second Order (left justified, bold)**
 - (c) *Third Order* (left justified, italics),
 - (3) Callouts for figures and tables (e.g., "Fig.1 near here" or "Table 1 near here") not imbedded in the text can be included on a separate line between paragraphs in the main text. Figures/tables in body of text would go at the end of the manuscript with a separate list of captions. HOWEVER for 2022, in MS Word, we prefer, if possible, that the figures and tables, with captions below be included in the main body of the text where the author would wish them. This may be difficult for oversized figures and maps.
 - (4) Acknowledgments
 - (a) are to be limited to one short paragraph and
 - (b) placed at the end of the main text and immediately before the references, and
 - (5) References
 - (a) are to be the last section of the paper and
 - (b) use the formats currently employed by the Utah Geological Survey (see pages 16 to 21 of “Guide for the preparation of reports for the Utah Geological Survey, Third edition” by Michael D. Hylland and others, 2012 which can be downloaded at <https://ugspub.nr.utah.gov/publications/circular/C-105.pdf>)
 - (c) References may appear in a smaller font than the main text publications, but use 12 pt. for the draft text.
 - (d) Double/triple check that references are in the correct form and each reference has a citation in the text and vice versa. We check these carefully and is the most time-consuming item to be dealt with in review and revisions.

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2) Illustrations, Tables, Equations and Formulas

- i. Use pages 22 through 29 of “Guide for the preparation of reports for the Utah Geological Survey, Third edition” by Michael D. Hylland and others, 2012 (which can be downloaded at: <https://ugspub.nr.utah.gov/publications/circular/C-105.pdf>). Tables of Contents and Lists of Figures/Illustrations are not to be included in the published paper but should be provided for the reviewer. A list of figure/table captions should be provided at the end of the references.
- ii. Illustrations for the first draft can be in .pdf format but other formats such as jpeg, tif, png will be necessary for final drafts. Scans should be 600 dpi or finer for clarity. For longer Mss. consider submitting illustrations in a separate file. Consider limiting Mss. to 25 MB to reduce transmission difficulties during review/revision.

3) Matters of Style for Abbreviations, Acronyms, Symbols, Capitalization, Divisions of Geologic Time, Geographic Names, Geologic Maps, Italics, Lists, Numbers, Punctuation, Quotations and Units of Measurements

- i. Use pages 31 to 55 and Appendixes D, E and F of “Guide for the preparation of reports for the Utah Geological Survey, Third edition” by Michael D. Hylland and others, 2012. which can be downloaded at <http://files.geology.utah.gov/online/c/c-105.pdf>)

4) Abstract and Manuscript First Drafts

- i. *Draft Abstracts* must be submitted by **August 1, 2021** via gsnsymposium.org at the Submit Abstract website portal:
 - i) Final revised abstracts must be submitted by **March 1, 2022** to allow composing the Program with Abstracts.
 - ii) Draft abstracts will be reviewed by the Technical Committee and authors will be notified of acceptance for a talk or a poster. Draft abstracts will also be reviewed by expert referees with suggestions for revisions for increased clarity and returned to authors for preparation of Final Abstracts.
 - iii) Place-holder or very rough draft abstracts are acceptable for first submission if waiting for additional data or for students just starting their thesis work.
- ii. *First draft paper manuscripts* for referee must be submitted By **October 31, 2021** via e-mail at: gsnsymposium.org at the Website Portal. All submissions will receive a Receipt E-mail. If you do not receive acknowledgement in a few days contact the GSN2022 Website or the Editors. Please carefully fill out the metadata slots on the website submittal form- which are mainly information from the required header/title pages of the Abstract or Paper. Lacking this information your submittal may be returned for it.

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Remember early abstracts will have a better chance of being selected for oral presentation. Other will be offered a Poster slot. Papers without an oral or virtual talk nor a poster are also welcome.

Note that the Technical and Editorial/Publishing Committees, like in 2020, will make every effort to publish submitted new final Abstracts and Papers, if regulatory or other reasons make it impossible to hold the 2022 Symposium in person or virtual.

5) Editing

- i. Technical and Editorial Committees retain the right to accept or reject all abstracts or papers. Contact the Eric Struhsacker at estruhsacker@2020gsnsymposium.com with questions.
- ii. All abstracts & papers will be peer reviewed by one or more experienced geologists and returned to authors for revision. Most of the reviewer's comments are suggestions but the reviewer will not rewrite the paper for the authors. Please have all your co-authors read the complete abstract/manuscript before first submission and participate in revisions. Some peer-reviewers may wish to be anonymous for all or certain papers.
- iii. All editorial comments will be done in MSWord "track changes", comments, line out, insert, &/or different colors. When accepted final manuscripts are complete they will be converted to PDF format for a final author check to be made and returned in a few days before digital &/or paper publication.
- iv. Abstract first drafts will be returned to the corresponding author generally with 4-6 weeks of receipt with comments and requests for revisions, if necessary. The Technical Committee will decide if this is a suitable talk subject or will be a poster. New talk slots beyond original 2020 scheduled speakers will be limited for 2022.
- v. Reviewed manuscripts originally received **by March 15, 2022** will be returned to the corresponding author before **April 15, 2022** for final revision.
- vi. All enquiries concerning these Guidelines or other aspects of the editing and publication process can be e-mailed to **Fleetwood Koutz**, editor Fleetrk@aol.com, 775-750-6201.

6) Authors' Final Draft

- i. All final, revised, vetted drafts must be submitted in digital format by **March 15, 2022** so that the Digital Proceedings can hopefully be published just prior to the Symposium. Early submission is strongly encouraged. If authors do not cooperate then 2022 Proceedings will not be available until weeks after the symposium: late-summer 2022. This year was several very late papers had to be left out of the 2020

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Proceedings. Please check the “Late” manuscripts due dates above. Authors will receive proofs of the typeset article for review, usually in pdf format, which must be corrected and returned promptly.

ii.

Final drafts are to be submitted via gsnsymposium.org as

- a. text (*.doc or *.docx), table (*.doc or *.docx), and figure (*.tif, jpg,) files combined in separate zip files and all file names should include the lead author’s name and a short title (e.g., jones-elko-txt. docx; jones-elko-tbl.zip, jones-elko-whetherfig.zip).
- b. or sent on a digital disc or memory stick (thumb drive) by post or courier service to the GSN 2022 Symposium Editors, Geological Society of Nevada, 2175 Raggio Parkway, Room 107, Reno, NV 89512.

7) General Suggestions

- i) Indicate if Abstract/Paper is for Talk, Symposium Volume, Poster Session, Core Shed, Field Trip or some combination (on Mss. page 2). The Technical Committee will decide on where/how is paper is to be presented. Many Student Theses might be best primarily presented in the Poster Sessions to allow for extra discussions and late data. Both undergraduate and graduate students, not just from Nevada Universities are strongly urged to contribute and may receive some preferences and rewards for quality presentations. 5 students received monetary awards for papers this year.
- ii) Include the Mining District, Mtn. Range, Basin or Playa name, Region, County and State in the Title if on a geographic area, but keep it short.
- iii) Please limit number of contributing authors to five (5). More than this and the Exploration VP in Vancouver may be included in Acknowledgements or as e.g.: “Savage Mine Staff.” All authors should read and participate in revisions of the mss at various stages and are responsible for the results.
- iv) Internal reviewers (strongly suggested) can be listed in Acknowledgements. If paper is from a Government Agency or a Company, authors should ascertain that it is properly vetted before final submission. Allow plenty of extra time for this vetting. GSN reviewers, if not anonymous, can also be listed in final Mss. Acknowledgements.
- v) Authors should Spell-Check the Mss. and double check that Figures, Tables, Photographs are clear and readable and referred to in the text. Large “bedsheet” maps are discouraged as fine print can only be distinguished on enlarged E-Copies. Title blocks should be clear and not include large company logos, or ads for your product.

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- vi) Illustrations should have a scale, orientation arrows, and location information such as grids, county lines, towns or highways. Photographs, photomicrographs should include scales or description of dimensions of some object. Make sure your hammer shows up or circle it. Label distinctive features on photos. Indicate facing direction on scenery photos. Some of this information can be included in the caption.
Authors should also double check that the Reference List matches exactly each Citation in the text or Figures.
- vii) If in doubt of the suitability of the Paper for the Symposium, contact the Technical Committee. Papers such as “Stray Cats of the Basin and Range” will probably be rejected unless the felines are saber-toothed. Likewise talks on “Massive Sulfides of Poland” are best presented elsewhere.
- viii) Papers are encouraged on many geological subjects in or near the total Basin and Range, not just on Mineral Deposits. The Basin and Range extends far outside of Nevada. Papers on analytical methods, geochemistry, geophysics, hydrology, geothermal, energy, non-metallics, mineral economics, mineralogy, geochronology, paleontology, regional structure, geomorphology, exploration/mining history, etc. will be considered if they have application to the title of this symposium. Papers on new products, proprietary methods, consulting companies that are essentially “infomercials” are discouraged.
- ix) Again: Double check that listed references have a citation and that citations in text can be found in the reference list. Finding & making these corrections are very time-consuming for reviewers and revisers and can cause considerable delay.
- x) Long lists of previous references on the topic, district or methodology, or by the authors’ professors are not acceptable except in review-type papers and will be returned for condensation. Likewise the References Cited should not be considered a Bibliography on the subject.
- xi) Students who are just starting Thesis Work in 2020/21 and do not expect to complete until into 2022 or later are encouraged to submit a “place-holder” Draft Abstract (“Thesis Proposal”) with interim results to be presented finalized by applicable Deadlines. This also applies to work by other professionals in progress.
- xii) Style and Formatting of the 2010, 2015 and 2020 Symposium Proceedings Volumes are a good key to the above Guidelines. However we will not be publishing large tables of analytical data, calculations or bibliography compilations on a subject for 2022. Authors are encouraged to Tabulate

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voluminous age dates, assays, etc. rather than scattering them through the text.

- xiii) Communicate your progress on writing/revision to the Technical/Editing Committees. Some minor exceptions can be made to Deadlines if communicated early. Changes to Final Galleys are expensive and cause delays.