

Publications of Dr. N. K. Patra

Publications in Journals:

International

- N. K. Patra** and T. Rilung, Lalu Das and Pavan Kumar (2024) Assessing climate change and its impact on Kiwi (*Actinidia deliciosa* Chev.) production in the Eastern Himalayan Region of India through a combined approach of people perception and meteorological data. *Theoretical and Applied Climatology*. SpringerNature. <https://doi:10.1007/s00704-023-04793-7>
- N. K. Patra** and Benjontoshi (2023) “Sustainable performance of French bean (*Phaseolus vulgaris* L.) cultivation, a livelihood component in Eastern Himalayan Region. *International Journal of Agricultural Sustainability*. 21:1, 2247784, <https://doi.org/10.1080/14735903.2023.2247784>
- N. K. Patra** and Suresh Chandra Babu (2023) “Institutional and Policy Processes for ‘Climate Smart Agriculture’: Evidence from North East India” *Journal of Water and Climate Change* (ISSN 2040-2244 EISSN 2408-9354); <https://doi.10.2166/wcc.2022.024>
- . N. K. **Patra** and Babu Suresh Chandra (2017) “Mapping Indian Agricultural Emissions: Lessons for Food System Transformation and Policy Support for Climate Smart Agriculture.” Available at= www.ifpri.org/publications/discussion_papers

Patra N. K. and Babu Suresh Chandra (2020) “Scope and Strategic intervention for Climate Smart Agriculture in North Eastern India”. In V. Venkatraman • Shachi Shah • Ram Prasad (Eds.), Global Climate Change: Resilient and Smart Agriculture. Springer. pp-155-186 [ISBN 978-981-32-9855-2/ISBN 978-981-32-9856-9(e-book)]. https://doi.org/10.1007/978-981-32-9856-9_8

National

- N. K. Patra**, M. Pongener, Marensangla, Sashilila Ao and Sanjoy Das (2024) Status of Adoption of Improved Technologies in Farming Sector in Nagaland, India. *Journal of Community Mobilization and Sustainable Development*. Vol. 19 (Special Issue) 166-174. <https://DOI.10.5958/2231-6736.2024.00067.X>
- N. K. Patra** and Vitoka S. Chophi (2023) Knowledge Level and Adoption Behaviour of Maize Growers in Selected Districts of Nagaland, India. *Indian Journal of Extension Education*. Vol. 59 (4): 1-7. 2023. <https://doi.org/10.48165/IJEE.2023.59406>
- N.K. Patra**, Lalthamawii, Rohith G. V. and Sanjoy Das (2023) Socio-economic status of growers and constraints in paddy (*Oryza sativa L*) cultivation: Evidence from Mizoram, India. *Journal of Community Mobilization and Sustainable Development*. Vol. 18(3), September 2023, 1057-1065. <https://DOI.10.5958/2231-6736.2023.00057.1>
- O. C.S. Konyak , Sanjoy Das , **N.K. Patra** (2023) Impact of Nagaland State Rural Livelihood Mission (NSRLM) on Livelihood Status of Women in Nagaland. Agricultural Reviews. Vol. 44 (1): 92-99 (March 2023). <https://DOI.10.18805/ag.R-2358>

- Sashilila Ao and **N.K. Patra** (2022) Performance of Integrated Watershed Management Programme (IWMP): A Study from Nagaland, India. *Journal of Community Mobilization and Sustainable Development*. Vol. 17(2), April-June 2022, 685-693.
- N. K. Patra** and Vitoka S. Chophi (2022) Socio-economic Features of Maize (*Zea mays L.*) Growers, Extension Support and Constraints in Maize Cultivation in Nagaland, India. *Journal of Community Mobilization and Sustainable Development*. Vol. 17(2), April-June 2022, 727-634.
- Lalthamawii, **N. K. Patra** and Zohmingmawii Sailo (2022) Knowledge and Adoption Status of Recommended Practices of Rice by Farmers in Mizoram, India. *Indian Research journal of Extn Education*. 22 (3), (91-98). July-September, 2022. https://doi.org/10.54986/irjee/2022/apr_jun/19-98
- N. K. Patra** and L. Lianzami (2021) “Socio-economic status and constraints faced by chow-chow (*Sechiumedule*) growers in Aizawl District, Mizoram, India.” *Journal of Community Mobilization and Sustainable Development*. Vol. 16(2), May-August 2021, 343-350.
- N. K. Patra** and Pelebei-u Kense (2021) “Socio-economic features of mandarin (*Citrus reticulata Blanco*) growers: A case study in Nagaland, India”. *Indian Journal of Extension Education*. Vol. 57, No. 2, 2021 (87-93) <https://DOI:10.5958/2454-552X.2021.00077.3>
- Benjontoshi and **N. K. Patra** (2021) An assessment of livelihood activities maintained by French bean growers in Nagaland. *International J. of Ext. Educ.* Vol. XVII: 43-49, 2021 ISSN : 2319-7188.
- Benjontoshi and **N. K. Patra** (2021) “Socio-economic and Livelihood Features of French bean Growers: Evidence from Kiphire District, Nagaland. *Indian Research journal of Extn Education* (ISSN -0972 2181). Vol. 21 (1), (24-29), 2021.
- Mibi Gamlin, **N. K. Patra**, Benjontoshi and Sanjoy Das (2021) Pineapple (*Ananas comosus L.*) Cultivation- A Sustainable Livelihood Strategy in Arunachal Pradesh, India. *Journal of Community Mobilization and Sustainable Development*. Vol. 16(3), September-December 2021, 933-938.
- N. K. Patra** and Pelebei-u Kense (2020) “Study on Knowledge and adoption of improved cultivation practices of Mandarin (*Citrus reticulata Blanco*) growers in Nagaland, India”. *Indian Journal of Extension Education*. Vol. 56, No. 4, 2020 (126-133). <https://DOI:10.5958/2454-552X.2020.00061.4>
- Benjontoshi and **N. K. Patra** (2020) “Characterization and Livelihood Features of French Bean Growers: An Evidence from Tuensang District, Nagaland, India”. *Indian Journal of Extension Education*. Vol. 56, No. 1, 2020 (100-106).
- Sanjoy Das, Narokumla Longkumer, **N. K. Patra**, Nchumthung Murry and Mukesh Yadav (2020) : Collection and Utilization Pattern of Non Timber Forest Products in Nagaland, an Eastern Himalayan State of India, *Indian Journal of Ecology* (2020) 47(3): 849-853.
- Narokumla Longkumer, Sanjoy Das, A.K. Sahu, **N. K. Patra** and Nchumthung Murry (2020) : Contribution of non timber forest products towards rural income and employment in Mokokchung district of Nagaland, *International Journal of Ecology and Environmental Sciences*, Volume 2, Issue 2, June, 2020.
- N. K. Patra et al. (2020)**, Assessing Socio-economic and Modernization Status of Rubber (*Hevea brasiliensis*) Growers: Evidence from Nagaland, North Eastern Himalayan Region, India. *Indian Research journal of Extn Education* (ISSN -0972 2181). Vol. 20 (2&3), April-July, 2020.

- Gamlin M. And **N. K. Patra** (2020) “Crop Based Livelihood Activities of Pineapple Growers and Constraints in its Cultivation: A Study in North Eastern Himalayan Region, India”. *Journal of Community mobilization and sustainable development* (ISSN; 2230-9047). Vol 15 (2), 471-478, May-August, 2020.
- N. K. Patra**, Konyak S., Das S., Ao S., Gamlin M. And Sahu A. K. (2019) “Assessing Socio-economic and Modernization Status of King Chilli (*Capsicum spp.*) Growers: Evidence from Nagaland, North East India. *Journal of Community mobilization and sustainable development* (ISSN; 2230-9047). Vol 14(1), 97-103, January-April, 2019.
- N. K. Patra**, Konyak S. Das Sanjoy and Sharma Romen (2019) “Problems in King Chilli (*Capsicum spp.*) Cultivation and Performance of Extension Services in Mon District, Nagaland, India”. *Indian Journal of Extension Education*. Vol. 55, No. 4, 2019 (102-109).
- Ao Sashilila and **N. K. Patra** (2019) Constraints and Mitigation Strategies for Smooth Implementation of Integrated Watershed Management Programme: A Lesson from Wokha, Nagaland. *Journal of Community mobilization and sustainable development* (ISSN; 2230-9047). Vol 14 (3), 517-522, Sept-Dec, 2019.
- Koza Ade, Sahu A. K., Das Sanjoy, and **N. K. Patra** (2018) “Economics of Cabbage Cultivation and Post-harvest Losses in Phek District of Nagaland.” *Economic Affairs*. 2018, Vol. 63, Issue:1: 229-235. <http://dx.doi.org/10.30954/0424-2513.2018.00150.28>
- Ao Sashilila and **N. K. Patra** (2018) “Performance of Integrated Watershed Management Programme (IWMP) in social inclusion in Wokha district of Nagaland, India.” *Indian Research journal of Extension Education* (ISSN -0972 2181). Vol. 18 (3), July, 2018.
- Das Sanjoy, Sharma A., Sahu A. K., **N. K. Patra** and Makar A. K. (2018). “Performance of North Eastern Region Community Research Management for Upland Area (NERCORMP) in Assam- A study based on Respondents’ perspective”. *Journal of Social Sciences*, 54(1-3): 1-11 (2018) <https://DOI:11.258359/KRE-51>
- N. K. Patra** and Makcha, T and *et. al.* (2018) “Study on relationship between socio-economic status and adoption behaviour of mandarin growers of Upper Subansiri District of Arunachal Pradesh, India” *Indian Journal of Extension Education*. Vol. 54, No. 4, 2018, pp 59-68.
- Odyuo M. N., **N. K. Patra** and Makar A. K. (2017) “Management problems in implementing development works as perceived by the NGOs’ employees and measures suggested for improvement-A case study in Nagaland, India.” *Indian Journal of Extension Education*. Vol. 53, No. 1, 2017, pp 21-17.
- N. K. Patra** and Babu Suresh Chandra (2017) “District Level Emission of Greenhouse Gases from Livestock Sub-sector of India” Poster presentation at XIII Agricultural Science Congress, Bengaluru, India during 21-24 Feb, 2017.
- Das Sanjoy, Sharma A., Sahu A. K., **N. K Patra** and Makar A. K. (2017) “Forest Based Livelihood Pattern of Tribal Communities in Assam, India.” *Journal of Hill Agriculture*. 8 (4): 455-461, 2017. <https://DOI.10.5958/2230-7338.2017.00089.1>
- Laikangbam B., **N. K. Patra**, S. Das, J. Longkumer, L. Y. Longchar (2016). “Effectiveness of Women SHGs and Constraints in its Functioning in Imphal West District of Manipur, India”. *Environment and Ecology*. Vol 34, No 4B, Oct –Dec 2016 (ISSN: 0970-0420).

- Makcha, T, **N. K. Patra** et al. (2015), "Mandarin (*Citrus reticulate*) a means for Sustainable tribal livelihood of Arunachal Pradesh, India" *Journal of Extension Education*, Vol.XX, No.1, June 2015. (ISSN 0976-8246).
- Ezung R, Longkumer J, Longchar L.Y, **N. K. Patra** et al. (2015) "Extent of women's participation in jhum cultivation in Wokha District, Nagaland", *Research Journal of Agricultural Sciences*, Vol. 6 (special), December 2015, (ISSN 0976-1467).
- Ao Sashilila, Longchar L. Y., **N. K. Patra** and J.Longkumer (2015) "Indigenous Knowledge for Management of Rice Pests in Nagaland, India", *Research Journal of Agricultural Sciences*, Vol. 6 (special), December 2015, (ISSN 0976-1467).
- Ngullie C., Das Sanjoy, **N. K. Patra**, Sahu A. K. and Makar A. K. (2015) " Extent of Awareness and Adoption Level of Technologies by the Beneficiaries of Agricultural Technology Management Agency (ATMA) Programme in Dimapur District of Nagaland, India", *The Andhra Agricultural Journal*, Vol. 62 (3): 699-706, (ISSN 0003-2956).
- N. K. Patra** et. al. (2015) "Indicators of Effective Management of Development Work by Non Government Organizations in Nagaland, India." *International journal of Extension Education*. Vol. XI pp 90-100.
- Ngullie, C., Das., S., **N. K. Patra**, Sahu, A. K., and Makar, A. K. (2014) "Performance of Agricultural Technology Management Agency (ATMA) in the State of Nagaland, India", *Journal of Interacademicia*, Vol. 18/1 pp 117-127, (ISSN: 0971-9016).
- Odyuo M. N., **N. K. Patra** et al (2014) "Prioritization of developmental activities by the Non-Governmental Organizations (NGOs) in Nagaland, India" *Journal of Rural development* Vol. 33, No. 2 pp 133-145(ISSN 0970-3357).
- N. K. Patra** et. al. (2014) "Strategy for Prevention of HIV/AIDS and Drug Abuse Problems by Non-Government Organizations in Nagaland, India" *Journal of Rural development*, April-June 2015 (ISSN 0970-3357).
- Likanbum Bhutan, **N. K. Patra** et al. (2013) "Socio-demographic status of women SHG members in Manipur, India" *Journal of Extension Education*, Vol. XVII, No. 1, 2012 (ISSN 0976-8246).
- N. K. Patra** et al (2012) "Status of Non-Governmental Organizations and their involvement in developmental activities in Nagaland, India", *International NGO Journal* Vol-6/7 2012; pp 39-45, (ISSN 1993-5228).
- N. K. Patra** et al (2011) "Prioritization of extension activities for development work by the Non-Governmental Organizations (NGOs) in Nagaland, India,. *South Asian Journal of Socio-Political Studies* Voll.XII No.1, 44-47 (ISSN 0972-4613).
- Odyuo, M. N., N. K. **Patra** et al (2011) "Livestock development and Extension strategy by NGOs in Nagaland, India", *Journal of Interacademicia*, Vol. 15/4 2011pp 696-705, (ISSN: 0971-9016).
- N. K. Patra** and Mondal Sagar (2007), "Socio personal characteristics and status of training of Agricultural development Officers in West Bengal", *Journal of Interacademicia*, Vol. 11, Jan. 2007, No.1, pp 99-105. (ISSN: 0971-9016).
- Mondal, S., **N. K. Patra** and Bondyopadhyay, A. (2005) "Competency of Krishi Prayukti Sahayaks (KPSs) in performing agricultural extension activities as perceived by the Agricultural Development Officers (ADOs) of West Bengal", *Bangladesh Journal of Training and Development,Bangladesh Agricultural University*. Vol. 18 No. 1&2, 21-26.(ISSN: 1013-0306).
- N. K. Patra** et al (2004) "Modernizing Boro cultivation a prediction from socio-economic and Psychological Predictors", *Environment and Ecology*, Vol.22.Nos.3, pp64-65. (ISSN: 0970-0420).

N. K. Patra et al (2003) “Identification and Documentation of traditional knowledge-based medicine of tribal people”, *Journal of Interacademica*, Vol. 7, Apr. 3, 2003, No.1, pp pp202-205. (**ISSN: 0971-9016**).

Book Chapters:

Patra N. K. and Babu Suresh Chandra (2021) “Agribusiness Management of Fisheries in West Bengal: A Case Study”. In (Eds) Global Agribusiness Case Studies” (Accepted).

Patra N. K. (2020) “Institutional and Policy Process on Climate Change and Formulation of Extension Strategy on Climate-Smart Agriculture in Nagaland”. In (Eds.) Agricultural Extension: Socio-economic Imparatives. Agricultural Extension Division, ICAR, New Delhi, 2020.

Odyuo, M. N., **Patra, N. K.**, Das, S. and Longchar, L. Y. (2015) “Influence of Demonstration and Exposure trip for Development of Beneficiaries by NGOs in Nagaland, India”. Mondal, R. K. (ed.), Poverty Inequality and Food Security (ISBN: 93-5056-710-5).

Odyuo, M. N., **Patra, N. K.**, Das, S. and Longchar, L. Y. (2015) Pattern of use of training programme for human resource development by Non Government Organizations in Nagaland, India”. Mondal, R. K. (ed.), Poverty Inequality and Food Security (ISBN: 93-5056-710-5).

Patra N. K. et al (2012) “Meat Consumption Pattern Among Major Tribes in Nagaland, India”. B. K. Mishra(ed.) Livestock Production and Rural Development in India, Biotech Books, pp 307-322, (**ISBN: 978-81-7622-2440**).

Mondal Sagar and **Patra N. K.** et al (2006) “Indicators of effective management of Agricultural Extension in west Bengal”. M.M. Adhikari et. al. (eds.) Value addition and Quality issues in agriculturae and allied areas: techniques and challenges; Agrotech publishing Academy, Udaipur, India, pp460-464, (**ISBN: 8183210414**).

Books:

Odyuo N Mary, **N. K. Patra** and Longkumer J. (2023) Development Management by Non-Governmental Organizations. Raghav Publication, New Delhi, ISBN: 978-93-93655-23-3.

Patra N. K. et. al. (2010) “Administration, Management and Governance in Agriculture: the Changing faces”, Agrotech publishing Academy, Udaipur, India, ISBN: 978-81-8321-165-9.