

From Classroom to Nation-Building: How Mindful Teacher Education Can Shape Bhutan's Governance Future

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Abstract

This article explores how the Four Immeasurables (*Tsey Mey Zhi*) — Loving-kindness, Compassion, Joy and Equanimity — can serve as a foundational framework for mindful governance within Bhutan's teacher education system.

The study positions mindfulness, grounded in Bhutanese contemplative traditions and the principles of Gross National Happiness, not only as a pedagogical tool but as an ethos of ethical leadership and societal transformation.

By integrating these qualities into education, the research highlights the potential for a more compassionate and resilient civic culture, where the classroom becomes a training ground for values-based leadership. The findings offer pathways for institutionalising mindfulness across teacher preparation, leadership development and national curricula, aligning education with Bhutan's vision for sustainable development through ethically engaged and emotionally intelligent governance.

Introduction

Mindfulness, a core element of Buddhist practice, is increasingly viewed not just as an individual contemplative discipline, but also as a guiding framework for governance, education and institutional development.

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Despite national policies such as Educating for Gross National Happiness (MoE, 2010), Bhutanese classrooms continue to exhibit challenges, such as punitive discipline, emotional disengagement, and inconsistencies in compassionate teaching (Schuelka & Sherab, 2022; Sherab & Schuelka, 2023).

The Four Immeasurables as an Ethical Framework

The Four Immeasurables (*Tshe Mey Zhi*) hold a central place in Buddhist philosophy, originating in pre-Buddhist yogic traditions, and later becoming fundamental to Buddhist ethics (Weiss, 2022).

These qualities — Loving-kindness (*jampa*), Compassion (*nying jey*), Joy (*gawa*), and Equanimity (*tang nyom*) — are cultivated as heart-centred meditations, serving as a bridge between mindfulness and ethical action (Bhikshu, 2015; Chodron, 2011; Patrul Rimpoche, 1999).

The essence of these qualities lies in their universality; they are meant to extend to all sentient beings without exclusion, forming the foundation of ethical leadership, education, and governance.

Loving-kindness (*jampa*) — This represents warm-heartedness and unconditional goodwill. Unlike attachment-based love, it signifies selfless concern for others' well-being, promoting positive interpersonal relationships.

Compassion (*nying jey*) — involves deep empathy and the active alleviation of suffering. Compassionate leadership and education encourage inclusivity and ethical decision-making.

Joy (*gawa*) — signifies happiness in others' successes, fostering collaboration and reducing envy. In governance and education, celebrating achievements strengthens communal bonds.

Equanimity (*tang nyom*) — a quality that cultivates mental balance, preventing prejudice and emotional reactivity. It ensures fairness in decision-making and nurtures unbiased teaching practices which are critical in promoting an inclusive society.

Each quality complements the others, creating a comprehensive ethical framework that promotes mindful education and leadership.

Bhutan's GNH Vision

The nation's commitment to Gross National Happiness (GNH) reflects its vision of balancing material progress with spiritual well-being. His Majesty The King emphasised this philosophy by stating, “GNH is the bridge between the fundamental values of kindness, equality, and humanity” (October 2013). Article 9-2 of Bhutan's Constitution further mandates the government to “promote conditions enabling the pursuit of Gross National Happiness” (RGoB, 2008, p.18).

Despite these aspirations, studies indicate that the Bhutanese education system faces challenges, such as punitive discipline, insensitivity, bullying and discrimination, and a decline in compassionate pedagogy (Schuelka & Sherab, 2022; Sherab, 2013; Sherab & Schuelka, 2023).

Research highlights the necessity for integrating mindfulness and ethical training into teacher education programmes to address these gaps (Choden et al., 2019; Yangdon et al., 2021). The Educating for Gross National Happiness (EGNH) initiative, launched in 2010, sought to embed GNH values in schools (Sherab, 2013), yet discrepancies persist between policy aspirations and classroom realities (Sherab & Schuelka, 2021).

According to Bhutan's GNH Surveys, the education domain was reported as contributing the least to overall national happiness (CB&GNH Studies, 2016, 2023). This suggests a misalignment between policy intentions and the emotional realities experienced by students and educators.

Delayed policy implementation, insufficient emotional scaffolding, and limited integration of contemplative practice have all been cited as contributing factors (Tobden & Ham, 2022). Addressing these systemic gaps requires not just curriculum innovation but also a recalibration of institutional ethos and leadership training.

To bridge this gap between policy ideals and lived experience — especially in schools and classrooms — it is imperative to embed GNH principles in the day-to-day fabric of teaching and learning. Applying the Four

Immeasurables in educational settings fosters a culture of compassion, fairness, and emotional balance.

These national aspirations highlight the need to be mindful of aligning educational practices with Bhutan's philosophical commitments. While policies and constitutional mandates articulate the vision, the lived experience of students and teachers often reveals a gap between ideals and implementation.

To address this, it becomes essential to examine how the Four Immeasurables — traditionally viewed as contemplative virtues — can be pragmatically applied within educational settings. The next section explores how teacher education can serve as the conduit for cultivating these values at the level of classroom practice.

Educational Applications: Cultivating a Mindful Learning Environment

Education shapes the ethical foundation of a society, making teacher training a critical component in Bhutan's mindfulness-based governance model. Teacher education and schools must prioritise holistic development, emphasising intellectual, emotional, and social growth (Reiss, 1999). Studies advocate that teachers should embody the Four Immeasurables and model ethical behaviour through compassionate pedagogy (Mamgain, 2010; Lhamo et al., 2020).

Educators play a transformative role in fostering mindfulness in classrooms, shaping students' emotional, cognitive, and ethical development. Through the integration of the Four Immeasurables, educators cultivate holistic learning environments that support student well-being, ethical reasoning, and resilience. This resonates with Pestalozzi's philosophy of educating the whole person — head, heart and hand (Brühlmeier, 2010) — a philosophy that harmonises with Bhutan's own integrative vision of teacher development.

Role modelling is a cornerstone of effective mindfulness education (Albrecht, 2018; Sherab, 2013). Teachers are not just transmitters of knowledge but also the living embodiment of the values they wish to instill in students. By integrating the Four Immeasurables into their everyday

interactions, educators create a lived experience of mindfulness that students can observe and internalise.

When teachers engage in mindfulness practices themselves through reflective teaching moments, compassionate responses, and balanced decision-making, they validate its importance beyond theoretical discussions. Students learn more effectively by observing mindful behaviour in action rather than just hearing about it.

Teachers who engage in and share their own reflective practices through journaling, meditation, or deep questioning encourage students to cultivate their own self-awareness, making mindfulness a personal and transformative journey.

Beyond classrooms, educators serve as cultural and ethical role models, shaping future generations through leadership, mentoring and policy influence. Their ability to embody mindfulness extends to curriculum design, institutional policies, and community outreach. By living the Four Immeasurables, educators empower students to become mindful citizens, ultimately contributing to Bhutan's vision of Gross National Happiness and ethical governance.

Mindfulness Beyond Education: Bhutan's Vision for Governance

Mindful governance extends beyond the classroom to national policy-making and leadership. Bhutan's governance model integrates sustainability, ethical leadership, and citizen well-being into decision-making frameworks (Doe, 2020; Sherab & Schuelka, 2021).

The Gelephu Mindfulness City initiative represents Bhutan's first experimental approach to urban mindful governance, where policies incorporate principles: ethical leadership rooted in mindfulness, reducing corruption and promoting transparency; sustainable urban planning prioritising well-being over economic expansion; and community engagement that nurtures inclusion and collective happiness.

The Four Immeasurables provide a powerful ethical framework for education and governance, ensuring holistic development and well-being in Bhutanese society. Research highlights that integrating mindfulness

practices into schools and governance leads to increased emotional intelligence, ethical leadership, and collaborative growth (Elwick & Cannizzaro, 2017; Layard, 2005; Nikolaev & Rusakov, 2015; Vinh, 2022).

This theoretical foundation sets the stage for practical applications, bridging mindfulness with policy-making, teacher education, and governance initiatives. The Four Immeasurables provide a blueprint for Bhutan's *mindful governance*, fostering ethical leadership and societal transformation.

Pedagogical Integration of the Four Immeasurables

Mindfulness-based interventions grounded in the Four Immeasurables were integrated into teacher education programmes at Paro College of Education, engaging over 1,000 students. Spanning four semesters, the initiative fostered emotionally attuned classrooms and reinforced pedagogical ethics aligned with Bhutan's contemplative heritage and GNH. Faculty reflections revealed the potential of mindfulness to transform educational spaces into models of inclusive governance.

Empathy exercises, gratitude reflections and dialogue circles cultivated emotional safety and relational warmth. The loving-kindness (*jampa*) was embodied as a pedagogical presence, fostering a respectful atmosphere where students felt heard and supported.

Peer well-being and emotional synergy were vital contributors to student engagement, supporting findings that classmates' happiness directly predicts individual student well-being (King & Datu, 2017).

Teachers provided emotional scaffolding through empathetic communication and contextual responsiveness. Compassion extended beyond academics to nurture trust and psychological safety, reducing performance anxiety and encouraging help-seeking behaviours, key traits in ethical and responsive governance.

Joy (*garwa*) was nurtured through peer affirmations and celebration practices that valued effort over competition. Faculty noted increased engagement and emotional openness, illustrating how authentic joy deepens communal bonds and cultivates dignified leadership. This implementation of the Four Immeasurables builds on the work of Kraus and Sears (2008) and Elices

(2017), who highlight how sympathetic joy strengthens communal bonds and learner motivation.

Equanimity (*tang nyom*) was reinforced through transparency, emotional regulation, and inclusive dialogue. Classrooms became safer spaces for dissent and diversity, modelling measured responsiveness and ethical reflection, essential traits of mindful governance. These observations support Neff and Germer's (2022) assertion that equanimity cultivates both ethical reflection and emotional regulation.

Macro-Level Insights and Policy Implications

The integration of the Four Immeasurables into classroom practice yielded significant pedagogical benefits — improved emotional climate, trust and learner engagement. However, broader institutional and cultural shifts are necessary to fully realise the transformative potential of mindfulness in education and governance. This section distills those systemic insights into four key domains — leadership, policy, institutional structures, and cultural readiness.

Leadership as Mindful Presence

Findings highlight that when educators embody the Four Immeasurables, they become moral anchors within their institutions, not through positional authority but through relational authenticity and mindful presence. This exemplifies what scholars describe as “leading by presence”, a leadership style grounded in emotional regulation, ethical coherence and attentive listening, which collectively fosters institutional trust and team cohesion (Goleman et al., 2013; Roeser et al., 2012).

Participants who consistently practised equanimity reported fewer classroom conflicts and stronger student resilience, reinforcing the notion that authentic presence — not reactive control — creates the conditions for psychological safety and growth.

This leadership quality, though subtle, holds tremendous potential for school governance and civil service alike. Investing in leadership development that prioritises self-awareness, reflective practice and embodied values could thus transform decision-making across governance tiers, cultivating not

only competent administrators but mindful stewards of Bhutan's societal aspirations (Hicks, 2020).

Curriculum and Teacher Preparation Reform

Though the interventions were localised and faculty-led, the long-term potential lies in structural alignment. Embedding the Four Immeasurables into Bhutan's national teacher education curriculum, particularly foundational pedagogy and practicum courses, can professionalise care work, often treated as optional activities outside the core curriculum (Noddings, 2005; Sherab, 2013). Such reform reflects Bhutan's constitutional commitment to education that supports "the pursuit of Gross National Happiness" (RGoB, 2008, Art. 9-2).

Recent reforms outlined in Bhutan's National Education Policy (NEP) 2024 — including cluster-based school consolidation, emphasis on teacher autonomy, and the National Teaching Service (NTS) framework — highlight growing national attention to equitable, values-driven education (MoESD, 2024). Aligning these structural initiatives with contemplative pedagogy can deepen their impact. Embedding the Four Immeasurables within national teacher standards, alongside these reforms, will position Bhutan as a model for emotionally intelligent and ethical education systems.

This also aligns with UNESCO's call for education systems to centre socio-emotional learning for sustainable futures (UNESCO, 2024) and also OECD's focus on student and teacher well-being (OECD, 2017). Policy recommendations include developing national mindfulness standards and reflective practice modules tailored to Bhutanese cultural contexts.

Institutional Culture and Emotional Ecology

Participants shared that when mindfulness is offered as a one-off activity without support from the wider institution, it can feel shallow or disconnected. For it to really make a difference, the whole system needs to be on board, like making room in the schedule for quiet reflection and giving teachers training that includes more thoughtful, caring ways of teaching (Albrecht, 2018).

New ideas in higher education, like those discussed by Wilson and others (2024), show that when students and teachers work together in emotionally supportive spaces, it can help build trust, a sense of belonging and emotional strength — values that connect closely with Bhutan’s goal of creating kind and compassionate campuses.

Furthermore, the study highlights the need to incorporate mindfulness into performance evaluation frameworks to formally acknowledge and support emotional effort and care-based teaching. These practices, often invisible yet foundational, encompass the creation of emotionally safe learning environments, the cultivation of empathy, and the sustained relational work that fosters student resilience, inclusion and trust. Despite their critical role in meaningful learning, such contributions are seldom captured in conventional review metrics.

The study highlights the importance of treating care as a core part of what it means to be an effective and compassionate educator, not just something extra on the side. It suggests that how we evaluate teachers should reflect Bhutan’s bigger goal of compassionate, well-rounded leadership. This means institutions should not just focus on training individual teachers, but should work toward creating a whole-campus culture of care, openness, and reflection (Zajonc, 2013).

Central to this transformation, the author argues, are contemplative practices such as mindfulness, reflective journaling, and deep listening that can foster presence, compassion, and ethical awareness in both educators and students, thereby enriching the entire educational environment. As one educator challenged: “We often speak of learning disabilities but have we considered teaching disabilities?”

This reflection invites a paradigm shift, recognising that the emotional and ethical dimensions of teaching must be nurtured institutionally. Another summed up the broader shift: “We now approach teaching with open arms, more flexibility, more compassion, and a growth mindset.”

Beyond Pedagogy

This study shows that the Four Immeasurables go beyond just teaching — they are at the core of building a strong nation. Educators who live by

these values help grow emotional intelligence, ethical leadership and active citizenship. Their influence reaches far beyond the classroom, shaping future leaders who can face society's challenges with clear thinking, care and strong purpose.

The findings show that building trust between teachers and students, using flexible teaching methods, and practicing mindfulness, help improve students' well-being, motivation and ability to bounce back from challenges (Jennings & Greenberg, 2009; Arthur et al., 2015).

Large-scale studies also show that when classrooms focus on emotional health, students do better academically, no matter their background (Adler, 2016). Good teachers stay present, create welcoming spaces, and make learning more personal, connecting emotional growth with academic success. These qualities are key to raising thoughtful, caring citizens who will help build a sustainable future.

At the systems level, Bhutan's governance model reflected in the Gelephu Mindfulness City emphasises the potential of contemplative values in public leadership and policy. Embedding the Four Immeasurables into civil service training, urban design and public administration curricula, can foster a "compassion-to-policy" continuum, ensuring governance is rooted in empathy, equity and wisdom. As Layard (2005) affirms, national happiness depends less on GDP and more on institutional fairness and emotional well-being.

In essence, the study positions mindfulness not just as a pedagogical intervention but as a cross-sectoral ethic, one capable of bridging Bhutan's spiritual heritage with its aspirations for ethical governance and holistic development.

A Vision Forward: Institutionalising Mindful Governance

This study shows that the classroom is not simply a site of instruction, it is the seedbed of ethical citizenship and national consciousness. When educators embody Loving-kindness, Compassion, Joy, and Equanimity, they do more than cultivate student success; they rehearse the very qualities that shape a just and harmonious society. Bhutan's aspiration toward Gross National Happiness gains its deepest meaning not in policy declarations

alone but through lived practice that begins with the teacher's presence and radiates into institutions, communities and governance.

To carry the spirit of mindfulness and care beyond individual classrooms, three key areas need to be in alignment — (1) a redefinition of professional excellence to include emotional literacy and ethical embodiment; (2) structural mechanisms that nurture contemplative leadership across all public domains; and (3) national systems that model the Four Immeasurables not as aspirational rhetoric but as operational values.

Reimagining Teacher Education as Character Formation

While the findings emerge from classroom-level interventions, their relevance is systemic. The proposed reform of Bhutan's teacher education framework — especially under the *National Education Policy (NEP) 2024* and its *National Teaching Service* provisions — presents a timely opportunity to institutionalise mindfulness.

Integrating the Four Immeasurables into foundational pedagogy courses, practicum assessment, and professional development modules, signals a shift from purely cognitive goals to holistic teacher formation. As articulated by the Minister of Education and Skills Development: “The NEP 2024 is a bold step towards creating an education system that not only meets the needs of today but prepares our students for the challenges and opportunities of the future” (Dema, 2024). Such alignment ensures that teacher preparation is no longer peripheral in character but recognised as central to Bhutan's vision of national well-being.

Creating Ethical Infrastructure through Inter-Ministerial Collaboration

Lasting transformation requires systems-wide rethinking. Collaborative efforts between the Ministries of Education and Skills Development, Health, and Culture, can advance a cross-cutting curriculum that aligns spiritual wisdom with contemporary educational needs.

National curriculum audits, co-designed syllabi, and reflective teaching standards — developed with both contemplative scholars and policy architects — can enshrine the Four Immeasurables into Bhutan's educational

DNA. These reforms could also support performance frameworks that value the emotional effort educators invest in — like building trust, showing empathy and supporting students — as core indicators of professional excellence, rather than treating them as extra or invisible work.

Bridging Inner Transformation and Institutional Integrity

Scaling mindfulness means more than replicating classroom practices — it requires systems that allow inner transformation to echo across institutional behaviour. This vision calls for Bhutan to lead not only as a nation of gross national happiness but as a nation of *gross national integrity*, where the Four Immeasurables guide how we teach, how we lead, and how we govern.

Conclusion

This study offers more than a pedagogical insight; it presents a culturally grounded framework for transforming Bhutan's teacher education system. By integrating the Four Immeasurables into foundational pedagogy and practicum courses, the research affirms how ethical leadership and emotional intelligence can be cultivated through classroom practice.

To scale these insights, pilot programmes in teacher training institutes could embed mindfulness principles within teaching standards, curriculum design, and student assessment. Such integration would ensure that care work such as empathy, emotional support, and relationship-building is formally recognised as a core aspect of teaching excellence.

Policy shifts within the Ministry of Education are needed to develop national guidelines for contemplative practice in teacher preparation. Co-designed standards with contemplative scholars and education stakeholders could enshrine mindfulness as a professional competency, rather than a co-curricular supplement.

The effort educators invest in nurturing inclusive and responsive classrooms should be legitimised within performance frameworks as central to ethical teaching and educator well-being.

By embedding the Four Immeasurables into Bhutan's education system, the nation can cultivate compassionate teachers and emotionally resilient

learners, positioning education as a cornerstone of national well-being and human flourishing.

Reference

- Adler, A. (2016). *Teaching well-being increases academic performance: Evidence from Bhutan, Mexico, and Peru*. A PhD Thesis, University of Pennsylvania, USA. <http://repository.upenn.edu/edissertations/1572>
- Albrecht, N. J. (2018). Teachers teaching mindfulness with children: Being a mindful role model. *Australian Journal of Teacher Education*, 43(10).
- Arthur, J., Jansson, K.K., Cooke, S., Brown, E. Carr, D. (2015). *The good teacher: Understanding virtues in practice*. The Research Report, Jubilee Centre for Character and Virtues, University of Birmingham, UK.
- Bhikshu, H. (2015). The Four Immeasurables in the Bodhisattvabhūmi and Mahāyānasūtrālamkāra and their Implementation in a Measuring Scale for a Study of Brain Imaging [Review of The Four Immeasurables in the Bodhisattvabhūmi and Mahāyānasūtrālamkāra and their Implementation in a Measuring Scale for a Study of Brain Imaging]. *Dharma Drum Journal of Buddhist Studies*, 16, 33–61.
- Brühlmeier, A. (2010). *Head, heart, and hand: Education in the spirit of Pestalozzi*. [Translated from the German by Mike Mitchell. Cambridge, Sophia Books.
- Centre for Bhutan & GNH Studies. (2016). 2015 GNH survey report: A compass towards a just and harmonious society. Centre for Bhutan & GNH Studies.
- Centre for Bhutan & GNH Studies. (2023). GNH 2022. Centre for Bhutan & GNH Studies.
- Choden, U., Sherab, K., & Howard, J. (2019). Experience of bullying among Bhutanese college students: Implications for teacher formation programmes. *International Journal of Adolescent Medicine and Health*, 34(1), 20190087.
- Chodron, V. T. (2011, November 18). *An explanation of the Four Immeasurables*. Thubten Chodron. <https://thubtenchodron.org/2011/11/love-compassion-equanimity-joy-explained/>
- Dema, C. (2024). National Education Policy 2024 to empower schools with autonomy over budget and manpower and to reduce excess teacher workload. *The Bhutanese*. Online

- Doe, J. (2020). *Handbook of mindfulness in education*. Oxford University.
- Elices, M., Carmona, C., Pascual, J. C., Feliu-Soler, A. Martin-Blanco, A., Soler, J. (2017). Compassion and self-compassion: *Construct and measurement. Mindfulness and Compassion*, 2, 34-40.
- Elwick, A., & Cannizzaro, S. (2017). Happiness in higher education. *Higher Education Quarterly*, 71(2), 204-219.
- Jennings, P. A. & Greenberg, M. (2009). The prosocial classroom: Teacher social and emotional competence in relation to child and classroom outcomes. *Review of Educational Research*, 79, 491-525.
- King, R.B. & Datu, J.A. (2017). Happy classes make happy students: Classmates' well-being predicts individual student well-being. *Journal of School Psychology*, 65, 116-128.
- Kraus, S. & Sears, S. (2008). Measuring the Immeasurables: Development and initial validation of the self-other Four Immeasurables (SOFI) scale based on Buddhist teachings on loving kindness, compassion, joy, and equanimity. *Social Indicators Research*, 92(1), 169-181.
- Layard, R. (2005). *Happiness: Lessons from a new science*. Penguin Books/Penguin Group (USA).
- Lhamo, J., Miller, J., Wolodko, B. & Morgan, A.M. (2020). Compassion in the Bhutanese Gross National Happiness (GNH) infused classrooms. *Bhutan Journal of Research and Development*, 9(2),18-42.
- Mamgain, V. (2010). Ethical consciousness in the classroom: How Buddhist practices can help develop empathy and compassion. *Journal of Transformative Education*, 8(1), 22-41.
- Ministry of Education and Skills Development. (2024). *National Education Policy 2024*. Royal Government of Bhutan.
- Ministry of Education. (2010). *Educating for GNH guideline- Final*. MoE.
- Neff, K. D., & Germer, C. K. (2022). *The mindful self-compassion workbook*. Guilford Publications.
- Neff, K. D. & Germer, C. K. (2022). The role of self-compassion in psychotherapy. *World Psychiatry*, 21(1), 58-59.
- Noddings, N. (2003). *Happiness and education*. Cambridge University Press.

- Nikolaev, B., & Rusakov, P. (2015). *Education and happiness: An alternative hypothesis*. Oxford College of Emory University.
- OECD. (2017). *PISA 2015 results (Volume III): Students' well-being*. OECD Publishing.
- Patrul Rimpoche (1999). *Words of my perfect teacher: A complete translation of a classic introduction to Tibetan Buddhism*. Sage Publications India Pvt Ltd.
- Reiss, M. J. (1999). Teaching ethics in science. *Studies in Science Education*, 34(1), 115–140.
- RGoB [Royal Government of Bhutan]. (2008). *The Constitution of the Kingdom of Bhutan*. Thimphu: Royal Government of Bhutan.
- Riva, E., Freeman, R., Schrock, L., Jelacic, V., Ozer, C.-T., & Caleb, R. (2020). Student well-being in the teaching and learning environment: A study exploring student and staff perspectives. *Higher Education Studies*, 10(4), 103.
- Roeser, R. W., Skinner, E., Beers, J., & Jennings, P. A. (2012). Mindfulness training and teachers' professional development. *Child Development Perspectives*, 6(2), 167–173.
- Rosenberg, M. (2003). *Nonviolent communication: A language of life*. Puddle Dancer Press.
- Roeser, R. W., Skinner, E., Beers, J., & Jennings, P. A. (2012). Mindfulness training and teachers' professional development: An emerging area of research and practice. *Child Development Perspectives*, 6, 167–173.
- Roeser, R. W., & et al. (2012). Mindfulness training and teachers' well-being: Effects on teacher stress, burnout, and well-being. *Journal of Educational Psychology*.
- Roeser, R. W., Schonert-Reichl, K.A., Jha, A., Cullen, M., Wallace, L., Wilensky, R., Oberle, E., Thomson, K., (2013). Mindfulness training and reductions in teacher stress and burnout: Results from two randomised, waitlist-control field trials. *Journal of Educational Psychology*.
- Schuelka, M.J. & Sherab, K. (2022). Educational values in complex systems: An introduction to the educational values evaluation and design framework and a case study of inclusivity in Bhutan. *Current Issues in Comparative Education* (CICE), 24(1), 114-131.

- Sherab, K. (2013). *Gross National Happiness education in Bhutanese schools: Understanding the experiences and efficacy beliefs of principals and teachers*. A thesis submitted in fulfillment of the PhD requirements, University of New England, Armidale, NSW, Australia.
- Sherab, K. & Schuelka, J.M. (2021). The complexity of happiness: Educational and societal values in Bhutan. In A. Boissinot & B. Delvaux (eds) *Values in Education*, France International Education, n °87, September 2021.
- Sherab, K. & Schuelka, M.J. (2024). Happy students in Bhutan: The land of Gross National Happiness ... and paradoxes, 56-75. In Gerald W. Fry and Haelim Chun (eds), *Happiness Education: International Insights to Inform Effective Holistic Education*. Routledge. ISBN/GTIN: 978-0-367-47910-7.
- Tobden, J. & Ham, M. (2022). Gross National Happiness and challenges for education in Bhutan: Perspectives of policy experts. *The International Education Journal: Comparative Perspectives*, 21(2). <http://iejcomparative.org>
- UNESCO (2024). Mainstreaming social and emotional learning in education systems: Executive summary. www.unesco.org (digital library).
- Weiss, A. (2022). Practicing the Four Immeasurable Qualities: A universal Buddhist practice for awakening the heart. *Atla Summary of Proceedings*, 76, 273–278.
- Wilson, S. L., Riva, E., & Lister, K. (2024). Positive pedagogies: Co-creation partnerships to support social and emotional learning in higher education. *Social and Emotional Learning: Research, Practice, and Policy*, 3, 100035.
- Vinh, T. H. (2022). *A culture of happiness: How to scale up happiness from people to organisations*. Parallax Press.
- Yangdon, K., Sherab, K. Choezom, P., Passang, S, & Deki, S. (2021). Well-being and academic workload: Perceptions of Science and Technology students. *Educational Research and Reviews*, 16(11), 418-427.
- Zajonc, A. (2013). Contemplative pedagogy: A quiet revolution in higher education. *New Directions for Teaching and Learning*, 134, 83–94.