

Original Article

# Calming Techniques in catastrophe situations

Dr. Mahua Paul

Assistant Professor in Pragati College of Education, Siliguri

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Correspondence Address:  
Dr. Mahua Paul  
Assistant Professor in  
Pragati College of  
Education, Siliguri  
Email:  
[mahuapaul482@gmail.com](mailto:mahuapaul482@gmail.com)

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## Abstract

Stress might seem like a permanent friend in today's hectic environment. Calming methods like art therapy, mindfulness, and guided imagery can help with that. Each of these techniques provides an insignificant effective means of reducing anxiety and restoring equilibrium between the body and mind. Paying attention to your thoughts, feelings, and environment without passing judgment is the foundation of mindfulness. This awareness gradually promotes calmness and clarity while lowering reactivity. The brain frequently reacts to imagined experiences as though they were real, guided imagery can help calm your nervous system, drop blood pressure, and slow your heart rate. Emotions that might be hard to put into words might find a creative release in art therapy. The act of creating art can be incredibly relaxing, whether you are coloring, painting, or drawing. It assists in reorienting attention from stress to healing and self-expression. Together, self-awareness, personal growth, art therapy, mindfulness, and guided imagery form a powerful trinity. Mindfulness allows us to view our thoughts and feelings objectively by keeping us grounded in the present. Through the use of our imagination, guided imagery helps us find inner peace and strength even in the face of stress. In contrast, art therapy allows creativity to be used as a tool for processing feelings and experiences by giving voice to things that words frequently cannot.

**Keywords:** Art therapy, Mindfulness, Guided imagery, Self-awareness, Emotional challenges, Mental well-being.

## Introduction

Calming techniques are essential in disaster scenarios, where individuals face intense stress, fear, and uncertainty. These techniques, including deep breathing, grounding exercises, mindfulness, and guided imagery are designed to help people quickly regain a sense of control and mental clarity in moments of chaos. Disasters, whether natural or man-made, can evoke a "fight-or-flight" response, often leading to overwhelming anxiety, rapid heartbeat, and mental disorientation. Calming techniques work to counteract these responses, lowering stress hormones and promoting relaxation.

## Objectives:

1. To alleviate stress, enhance emotional regulation, and improve overall well-being.
2. To lowering stress hormones and promoting relaxation.
3. To increase Regulation Self-Compassion Anxiety and Worry.
4. To help in emotional healing, reduce stress and anxiety, and promote a sense of safety and calm.
5. To help survivors process traumatic experiences by visualizing positive and peaceful scenarios, which can foster resilience, enhance coping mechanisms, and improve mental well-being.

## Techniques Of Calming



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**Mindfulness**

**Background:** Mindfulness, as conceptualized by Jon Kabat-Zinn in 1970s, is a practice that emphasizes intentional, present-moment awareness without judgment. This approach, rooted in Buddhist philosophy, has been adapted into various therapeutic contexts, notably through the Mindfulness-Based Stress Reduction (MBSR) program. Kabat-Zinn's work has demonstrated that mindfulness can significantly alleviate stress, enhance emotional regulation, and improve overall wellbeing. Kabat Zinn states that the three tenets of mindfulness are embodied in "paying attention in a particular way: on purpose, in the present moment, and non-judgmentally."

1. "With intention" or "on purpose," 2. "Being attentive" or focusing, 3. "In a specific manner" or attitude (qualities of mindfulness)

**Rationale:** The rationale for incorporating mindfulness exercises in post-disaster interventions lies in their potential to support both mental and physical well-being. Mindfulness promotes emotional regulation, reduces stress, and enhances resilience, which can help survivors manage trauma, anxiety, and grief. By encouraging individuals to stay present, mindfulness allows them to process trauma without feeling overwhelmed. Specific practices, like breathing exercises, can reduce anxiety, improve sleep, and lower stress hormones, creating a foundation for recovery and well-being.

**Types of Mindfulness Exercise****5 Mindfulness exercises you can do anywhere:**

- Body Scan
- Mindful
- Mindful Listening
- Mindful Breathing
- 5 Senses Exercise

**When to Do**

- Feeling Overwhelmed or Stressed
- During Transitions
- Pain Management
- Starting or Ending Your Day

**When Not To Do**

- Exhausted or Sleep-Deprived
- High-Attentive Situations
- Lack of Guidance
- Pre-existing Severe Mental Health Issues

**Mechanism of Mindfulness**

- Focused Attention and Present-Moment Awareness
- Non-Reactivity to Thoughts and Feelings
- Enhanced Emotional Regulation
- Building Self-Acceptance and Compassion

**What is Body Scan?**

Focus on the Feet – Start by bringing awareness to your toes, noticing sensations without judgment.

**Physical Benefit**

Deep Regulation Reduction Awareness engages the body's relaxation response, helping to release accumulated tension and promote a sense of ease. It Shifts

the body from a stress-driven state (fight-or-flight) to a calmer, balanced state, reducing feelings of agitation by activates the para sympathetic system. It can alleviate discomfort by promoting relaxation and reducing stress-related pain. It also enhances sensitivity to physical sensations, allowing for early detection of discomfort, pain, or tension before they escalate.

**Mental Benefit**

It enhances Mind-Body Mental Overload, Cognitive Flexibility and Focus Strengthens awareness of how thoughts and bodily sensations interact, fostering a deeper sense of mindfulness. It helps clear the mind of racing thoughts and excessive worries by directing attention to present sensations. Trains the brain to shift focus intentionally, making it easier to adapt to new situations and challenges. Develops sustained attention by teaching the mind to stay anchored in the present moment. It also encourages Decision-Making Ruminates. Mental Resilience helps recognize patterns of unhelpful thinking, allowing for more conscious and intentional responses. By creating a sense of mental clarity, body scan meditation can help in making more thoughtful and grounded choices. It reduces repetitive or negative thought loops by redirecting focus to bodily sensations and away from unproductive mental spirals. Strengthens the ability to remain calm and composed in difficult situations by fostering a sense of internal stability

**Emotional Benefit**

It enhances Emotional Regulation Self-Compassion Anxiety and Worry, helps identify and understand emotions as they arise, fostering a deeper connection with one's feelings. Reduces impulsive reactions by allowing space to observe emotions without immediate judgment or response. It cultivates a kinder, more accepting attitude toward oneself by fostering non-judgmental awareness of emotions. It helps ground emotions in the present moment, reducing excessive worrying about the past or future. It builds Emotional of Inner Safety Emotional Release of Emotions. Strengthens the ability to handle stress and difficult emotions without becoming overwhelmed. It creates a stable internal environment where emotions can be experienced without fear or avoidance. Provides a safe space for processing and letting go of stored emotional tension in the body. It helps recognize emotions as natural experiences rather than problems to be fixed, leading to greater emotional balance.

**Grounding Technique**

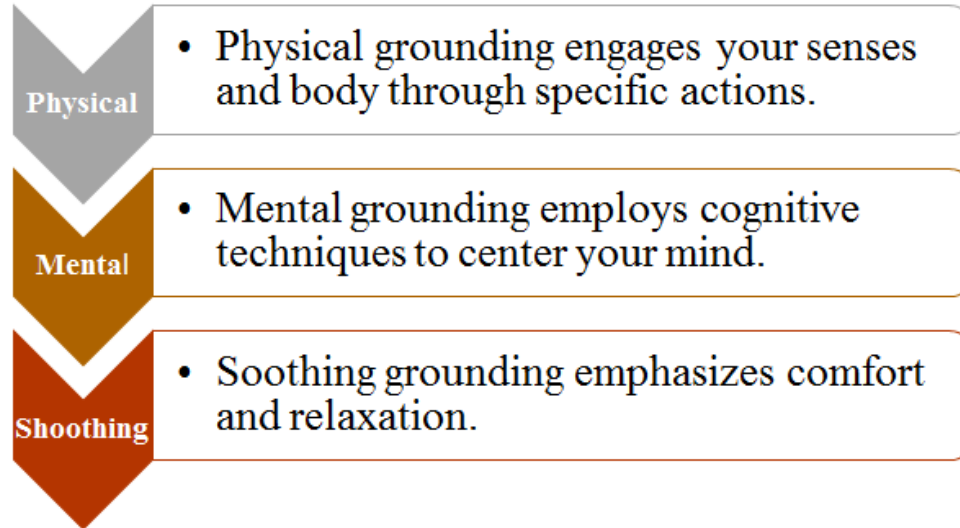
Grounding techniques are helpful because they give you a way to step back from intense or overwhelming emotions. They help bring your focus back to the present moment, which can calm your body and mind. By shifting your attention away from distressing thoughts or feelings, grounding can create a sense of stability and control when things feel chaotic.

**Background:**

Betty Alice Erickson developed the 54321-mindfulness grounding practice. Grounding techniques work by "grounding" you in the present moment and pulling you away from intrusive thoughts or feelings. This

refers not only to having your “feet on the ground” but also your “mind on the ground.” When you turn your attention away from thoughts, memories, or worries, you can refocus on the present moment.

Purpose: Grounding techniques are useful because they help you distance yourself from negative emotional experience. It can help the body calm itself and return to the present moment.



#### Category wise list of example of grounding technique

**Physical grounding** is a technique often used in practices like mindfulness, anxiety management, and trauma recovery. It involves engaging the senses and body to help a person stay present in the moment and connected to the here and now.

**Soothing grounding** is a technique often used in therapy and mindfulness practices to help individuals stay connected to the present moment, especially during times of stress, anxiety, or emotional overwhelm. Unlike more cognitive grounding methods (which focus on logic or facts), soothing grounding emphasizes comfort, relaxation, and emotional safety.

#### Key Elements of Soothing Grounding:

- **Engaging the senses** with calming stimuli (soft textures, warm tea, calming scents)
- **Positive self-talk** (e.g., “I’m safe right now,” or “This will pass”)
- **Visualization** of peaceful scenes or safe places
- **Breathing exercises** to calm the nervous system
- **Gentle movement** like stretching or rocking

The goal is to nurture a sense of peace and security, helping you feel more anchored in your body and in the moment.

#### Common Physical Grounding Techniques:

1. **5-4-3-2-1 Technique:**  
Identify 5 things you can see,  
4 things you can touch,  
3 things you can hear,  
2 things you can smell,  
1 thing you can taste.
  2. **Touching or holding an object:**
  3. Hold a textured object in your hand, such as a smooth stone or stress ball, and concentrate on how it feels.
  4. **Movement or exercise:**  
Stretching, walking, or doing light exercises to reconnect with your body.
  5. **Temperature changes:**  
Splashing cold water on your face or holding an ice cube to engage your sense of temperature.
  6. **Deep breathing:**  
Focusing on the rhythm of your breath can calm the nervous system and anchor your awareness.
- Mental grounding** uses simple thinking techniques to help you feel more present and in control. It brings your attention away from overwhelming thoughts or emotions and anchors you in the current moment. This might involve focusing on your surroundings, repeating calming phrases, or reminding yourself of what's real and what you can handle. It's a way to steady your mind when everything feels like it's spinning.

Physical	Mental	Shooting
<ul style="list-style-type: none"> <li>• Hold ice</li> <li>• Clench and release your fists</li> <li>• Take a shower</li> <li>• Savor a food or beverage</li> </ul>	<ul style="list-style-type: none"> <li>• Five senses Exercise</li> <li>• Name items in a category</li> <li>• Describe what's around you Do math in your head</li> </ul>	<ul style="list-style-type: none"> <li>• Sit with your Pet</li> <li>• Listen to soft Music</li> <li>• Practice self-Compassion and Positive Self-Talk</li> <li>• List all your favourite Things</li> <li>• Focus on Coloring</li> </ul>

#### When to Use

- Feeling Disconnected or Dissociative
- Managing Anxiety or Panic
- Coping with Flashbacks or Intrusive Memories
- Experiencing Overwhelming Emotions
- Rumination or Overthinking

#### When Not To Use

- Avoiding Processing Necessary Emotions
- Demonstration
- Mechanism of Grounding Technique
- Engaging the Senses
- Breaking the Cycle of Distress
- Building Emotional Distance
- Restoring a Sense of Control
- Engaging the Senses
- Breaking the Cycle of Distress
- Building Emotional Distance
- Restoring a Sense of Control

#### Benefits of Grounding Technique

- Reduced Anxiety
- Improved Focus
- Stress Relief
- Enhanced Emotional Regulation
- Better Sleep
- Increased Mindfulness
- Physical Relaxation
- Enhanced Sense of Control

#### Guided Imagery

Guided imagery has its roots in the ancient Greek, Chinese, and Indian traditions, when monks and healers used visualization to aid in healing and spiritual growth. In yoga and meditation, mental imagery was commonly employed to influence emotional and physical states.

Dr. Belleruth Naparstek developed guided imagery programs for trauma healing, stress reduction, and health enhancement in the 20th century, while psychologists such as Carl Jung investigated its use in comprehending the subconscious mind. Today, guided imagery is widely used in

clinical and performance settings, blending ancient practices with neuroscience to promote healing and personal growth.

**Rationale:** The purpose of using guided imagery for disaster survivors is to aid in emotional healing, reduce stress and anxiety, and promote a sense of safety and calm. It helps survivors process traumatic experiences by visualizing positive and peaceful scenarios, which can foster resilience, enhance coping mechanisms, and improve mental well-being. Additionally, guided imagery can assist in managing physical symptoms such as tension and pain, supporting holistic recovery after a disaster.

#### When to Use

- Stress and Anxiety Management
- Trauma Recovery
- Pain Management
- Sleep Issues

#### When Not To Use

- Intense panic attack or acute emotional distress
- Severe Mental Health Disorders

#### Mechanism of Guided Imagery

- Activation of the Brain's Visual and Emotional Centers
- Psychophysiological Response
- Mind-Body Feedback Loop
- Cognitive Reframing
- Relaxation and Stress Reduction

#### Additional Techniques

##### Art Therapy

Art therapy is a powerful tool in disaster recovery and response, helping individuals process trauma, reduce stress, and rebuild a sense of safety and connection. Through creative expression, art therapy provides a non-verbal outlet for emotions, which is particularly helpful when words fail to capture the intensity of the experience.

Art therapy is a powerful tool in disaster recovery and response because it gives people a way to express emotions and experiences that are often too overwhelming or painful to put into words. When communities are hit by natural disasters, violence, or other traumatic events,

individuals—especially children—can struggle to make sense of what has happened. Art becomes a safe space where they can begin to process that trauma.

Creating art helps reduce stress and anxiety by shifting focus away from fear and uncertainty. It helps people become more conscious and rooted in the here and now. For many, simply having the freedom to draw, paint, or sculpt without judgment provides a sense of relief and control in a world that suddenly feels unpredictable.

Art therapy also helps rebuild a sense of safety and connection. Group art sessions bring people together, fostering community support and mutual understanding. In these shared creative spaces, individuals are reminded they're not alone in their pain. They witness each other's healing and resilience, which can be deeply empowering.

### Art Therapy Techniques

#### Types:

- Drawing and Painting
- Clay Sculpting
- Collage Making
- Mandala Coloring
- Mask-Making

### Why Art Therapy Works in Disasters?

- Non-Verbal Expression
- Stress Reduction
- Processing Trauma
- Sense of Safety and Control
- **Cultural Sensitivity:** Art therapy to respect cultural norms and traditions of the affected community
- **Trauma-Informed Approach:** Ensure activities are non-triggering and offer a sense of safety.
- (Avoid pushing individuals to re-create traumatic events unless they feel ready)

### Applications of Art Therapy in Disasters

#### Immediate Aftermath of Disaster:

- **Focus:** Stabilization, emotional release, and stress relief.
- **Activities:**
  - Doodling or coloring mandalas to calm anxiety.
  - Painting or drawing to release immediate emotions.
  - Creating "safe space" imagery (e.g., drawing places or objects that feel safe).

#### Short-Term Recovery

- **Focus:** Processing trauma and building resilience.
- **Activities:**
  - Collage-making to represent feelings, hopes, or personal stories.
  - Creating art with themes of strength, recovery, or rebuilding.

#### Long-Term Recovery

- **Focus:** Growth, reflection, and meaning-making.
- **Activities:**
  - Storytelling through art, where participants visually narrate their experiences.
  - Creating memorial art for lost loved ones or community symbols of hope.

- Collaborative art projects, like murals, to foster community healing and solidarity.

### Methodology:

The researcher collected the information from different type of online Articles, books, journals.

### Conclusion:

In the fast-paced world of today, stress can seem like a never-ending companion. That's where calming techniques like mindfulness, guided imagery, and art therapy come in. Each of these practices offers a gentle yet powerful way to ease anxiety and bring the mind and body back into balance. **Mindfulness** is all about being present—tuning in to your thoughts, feelings, and surroundings without judgment. By simply focusing on your breath or becoming aware of the sensations in your body, you create space between yourself and the stress. Over time, this awareness helps reduce reactivity and increases a sense of peace and clarity.

**Guided imagery** is a technique that uses the imagination to transport you to calming places—a quiet beach, a peaceful forest, or a cozy room. With the help of a narrator or your own inner voice, you mentally "visit" these spaces. The brain often responds to imagined experiences as if they were real, which means guided imagery can help slow your heart rate, lower blood pressure, and soothe your nervous system. **Art therapy** offers a creative outlet for emotions that may be difficult to express in words. To gain, you don't need to be an artist.

Whether you're painting, drawing, or simply coloring, the process of making art can be deeply meditative. It helps shift focus away from stress and toward self-expression and healing. Together, these techniques don't just offer momentary relief—they can gradually build resilience, improve emotional well-being, and help you feel more grounded in your everyday life. In conclusion, mindfulness, guided imagery, and art therapy each offer unique pathways to healing, self-awareness, and personal growth—but together, they form a powerful trio. Mindfulness grounds us in the present moment, allowing us to observe our thoughts and emotions without judgment. Guided imagery taps into the power of imagination, helping us access inner strength and find calm even in times of stress. Art therapy, meanwhile, gives voice to what words often cannot express, unlocking creativity as a tool for processing emotions and experiences. When combined, these practices create a supportive space where the mind, body, and spirit can align. Whether someone is navigating emotional challenges, seeking clarity, or simply hoping to reconnect with themselves, integrating these approaches can be deeply transformative. Ultimately, they remind us that healing doesn't always come through talking—it can also emerge through stillness, imagery, and the act of creating.

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